



In his chairman's review of the Packaging Standard Council's (PSC) Half Year Report, Lord Clinton-Davis says that it is now "well established as a reliable source of independent advice in the often confused and confusing world of packaging" (see page 4). He talks of the PSC's closer links established with consumer groups as well as a considerable presence in the media.

Bearing in mind this success, it is sad that in his report, Lord Clinton-Davis has to once again return to the subject of funding. The reduction in support from Incpen (The Industry Council for Packaging and the Environment) has now been confirmed and industry response to requests for funding is said to have been mixed.

"This is a parlous situation," says Lord Clinton-Davis. "The PSC has been welcomed by bodies ranging from government to packaging manufacturers and retailers and to environmental and consumer groups. Its role is consistent with the government's work on packaging, in particular the work on minimisation complements Mr Gummer's requirements for producer responsibility."

With the publication of the PSC's Code of Practice for the Packaging of Consumer Goods and an increasingly high profile, the PSC now needs to attract additional funds. Some additional funding has been secured from industry bodies and even an individual company, but to widen its activities, more money is required.

Contributors so far include the Alliance for Beverage Cartons in Europe, Wine & Spirits Association, Scotch Whisky Association, Metal Packaging Manufacturers Association, British Plastics Federation, British Carton Association and Plysys Ltd.

It is surely in everyone's interest for the PSC to not only continue its current programme but also to expand its activities. As packaging gains a higher profile in the media and general public's minds, the need for an independent body becomes more and more important. Yes, of course, government support would be an ideal solution, and one that consumer groups have tried to encourage, but the likelihood of this is, as we all know, remote.

The PSC has demonstrated that it is a 'friend' to the consumer by not shirking from tackling companies to persuade them to improve 'bad' packaging. Let's face it, we all know it exists. But, and more importantly from the packaging chain's point of view, the PSC has also defended 'good' packaging to complainants.

The Code of Practice has gained a particular welcome from Trading Standards Officers, who find it a useful way to fill the gap between their area of responsibility for upholding strict legislation on packaging in areas such as misrepresentation and complaints they may receive about packaging in less well-defined areas such as openability or excessive packaging.

This area of work is vital if the evil of society - packaging - is ever going to clean up its image.

Gail Lea, Editor

Cartons contribute to hair colourant success

Success for hair colour manufacturer Clairol of its Ultaress line, just launched in the UK, has been helped by cartons from German company CD Cartondruck.

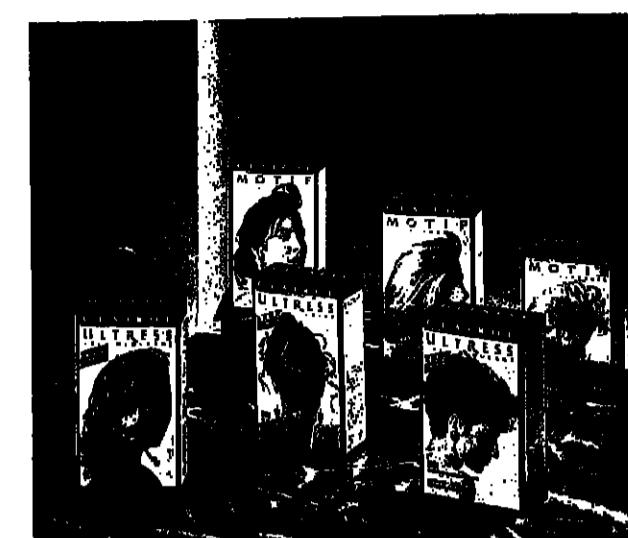
Under the brand name Motif, the hair colourant has also been launched in other European countries.

Printed gravure

A significant factor in the success of Ultaress internationally has been the graphic design from the Clairol Creative Services Group in the US. The latest design was launched in the US and printed gravure. This won a gold award for excellence in graphic design, production, consumer marketing and packaging uniqueness in the 1993 International Paper Packaging competition.

CD Cartondruck, printer of high quality fragrance, cosmetic and hair colour cartons, was chosen to produce packs for the global launch of Ultaress/Motif.

A white background sil-

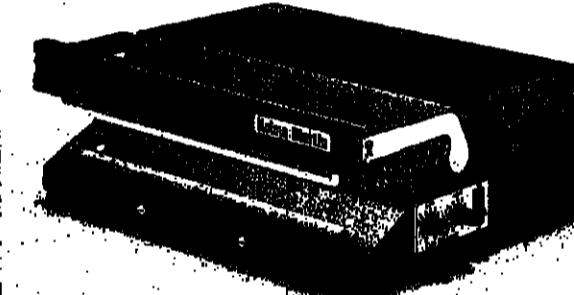


The cartons: six colours with uv varnish plus hot foil blocking

houettes each portrait, framed by a narrow black border. The motif is repeated throughout each panel around the box, while gold stamping crowns the frame on the front panel.

The cartons are printed in six colours with uv varnish plus hot foil blocking on Tako Superfine Art board. A 'CD Super Brilliant' calendar varnish was used as a replacement

for further information 165 0839 772268



The stainless steel bag sealer developed by Hulme-Martin Ltd

Fresh salmon sealed safely at point of sale

A stainless steel bag sealer for packing fresh salmon at the point of sale has been developed by Hulme-Martin Ltd for Sainsbury, satisfying the highest standards of hygiene and electrical safety.

General purpose sealing machines offer no protection against water ingress and corrosion, making it impossible to sterilise equipment without the risk of electric shocks, while this system gives just those benefits, according to the manufacturer.

With low-voltage safety operation and no need for warm-up times, the 3100 is equally suitable for intermittent retail use of repetitive factory production systems. "Tam-

secure transfer and storage in sterile conditions of hearts and other donor organs.

The benefits of the solenoid machine, which closes the sealing jaws at the touch of a switch, will be clear to anyone who has tried positioning a large pe bag with one hand while applying sealing pressure with the other, says Hulme-Martin.

With low-voltage safety operation and no need for warm-up times, the 3100 is equally suitable for intermittent retail use of repetitive factory production systems.

Shown for the first time at

the PPMA Show by agent Sontex was the HM3100 semi-automatic solenoid operated machine. With a 30cm, 250 micron pe capacity, the machine offers increased efficiency and better sealing performance than other systems, says Hulme-Martin. (317 Guildford Road, Bisley, Woking, Surrey GU24 9BB - tel: 0483 476767, fax: 486343).

Cutter versions of the 3100 for layflat tubes and 'speed fill' options for small component packing are available in the range which will, from early next year, also include stainless steel waterproof versions.

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Cost effective X-ray control of food

Reductions in the cost and size of X-ray inspection systems mean that the technology is now a viable addition to food quality control for an increasing number of companies, says equipment manufacturer Graseby Interwest.

Graseby's CDX is one fifth the size of its original system which the company supplied back in 1989. Apart from size reductions, there have been other improvements, including mechanisms to comply with due diligence, with a capability to customise reporting systems.

Graseby puts great emphasis on careful analysis of where the inspection system can best fit into any given line. "We don't feel that image processing is a substitute for good technique, but we do have the ability

to run our systems at full line speeds with image processing," director Neil King tells *PN*.

Whereas for most applications, standard processing features are enough, Graseby says it can develop an image processing card for specific product requirements. If, on the contrary a particular job cannot be done, or if other equipment such as a metal detector is more appropriate, the company will make this clear.

Because the standard CDX will monitor product on up to three channels - or eight on



CDX can hold up to 20 product messages

ed to gauging fill levels. Quite often, says Graseby, variation in product weight or density means that checkweighing is not the solution to checking correct filling.

The CDX can hold up to 20 product messages in its memory, and switching between product need only take around a minute, according to the company (10-11 Vaux Road, Fineford Road Industrial Estate, Wellingborough, Northants NN8 4TG - tel: 0933 440045, fax: 440029). Changeover may be required where pack sizes differ or where, as with confectionery, there are different fillings and sizes of product. Conforming to due diligence requirements is guaranteed.

For further information K10 Call for details 0839 772268

Double the action on consumer complaints

Consumer contact has increased considerably with the Packaging Standards Council (PSC), and around double the number of complaint investigations are reported in the latest half year report.

The PSC decided that companies needed to take action on roughly half of the complaints and most have gone on to make improvements to their packaging.

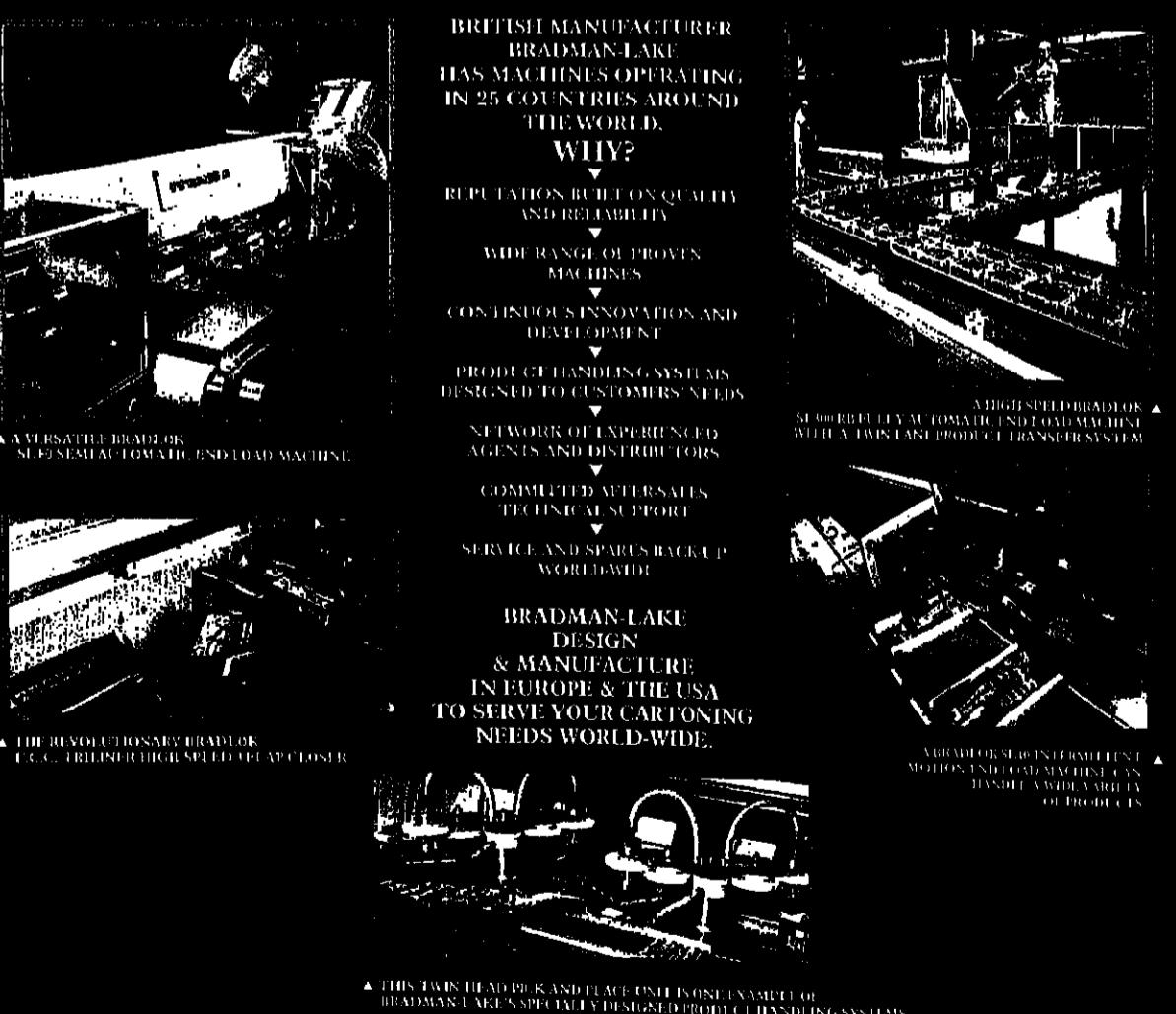
For example, Sainsbury's no longer wraps coconuts in plastics film but instead uses a stronger adhesive for its labels, and Schweppes has increased the size of closure opening instructions on its bottles of tomato and orange juice.

The environment/over-packaging category is by far



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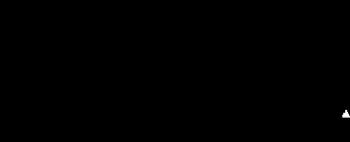
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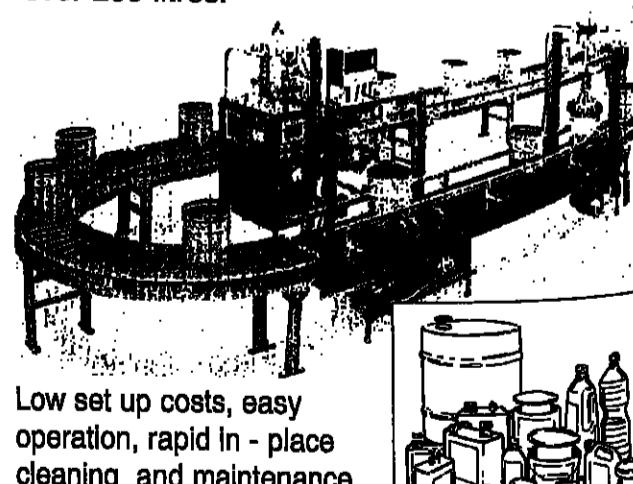
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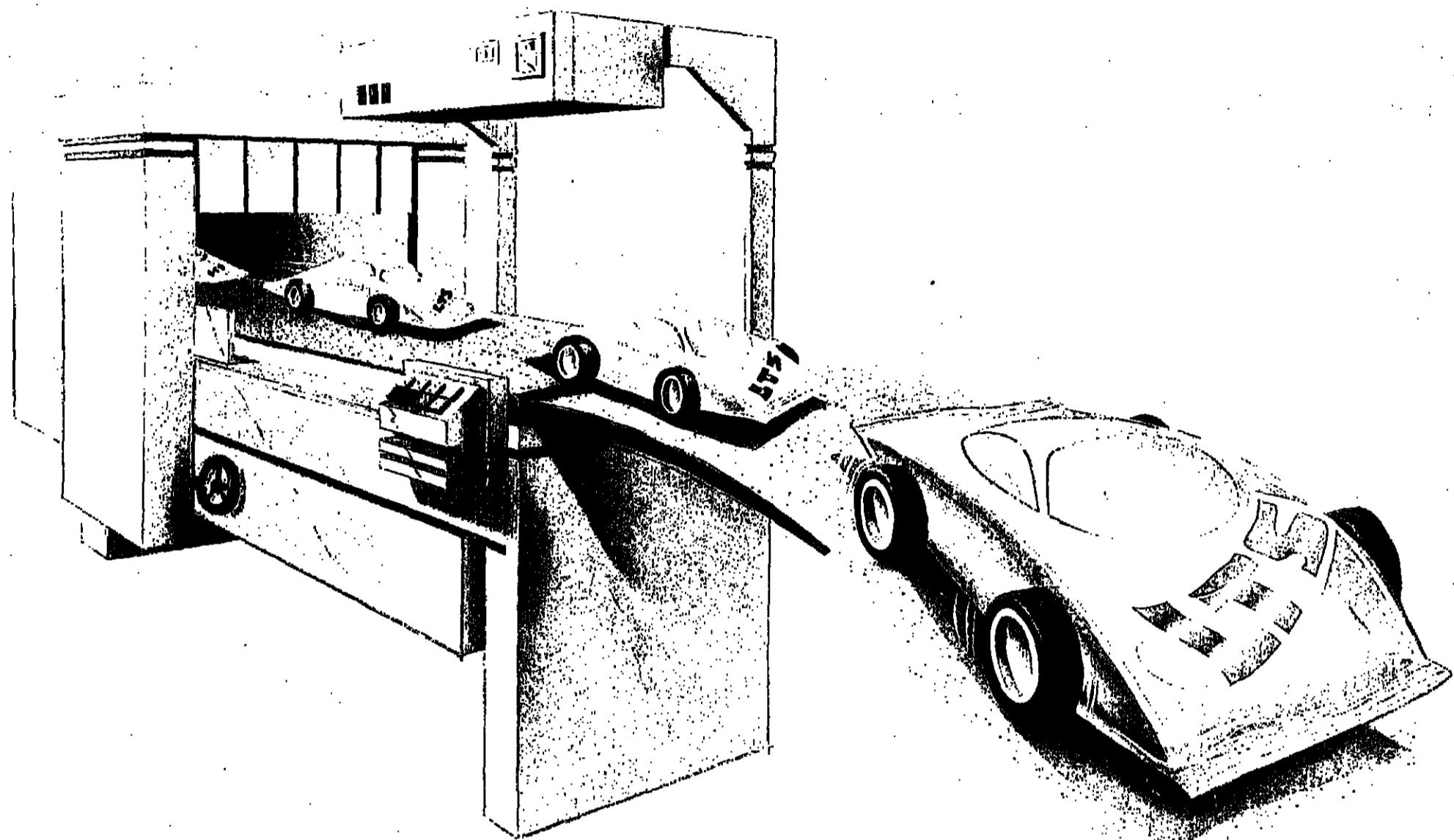
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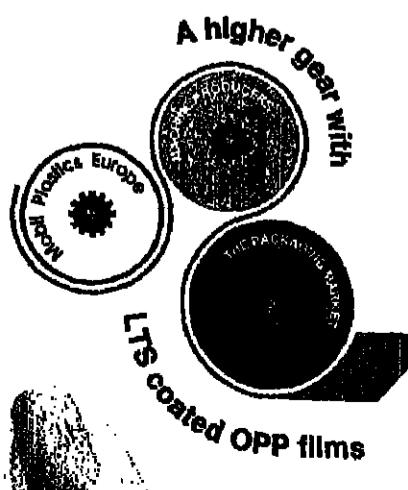
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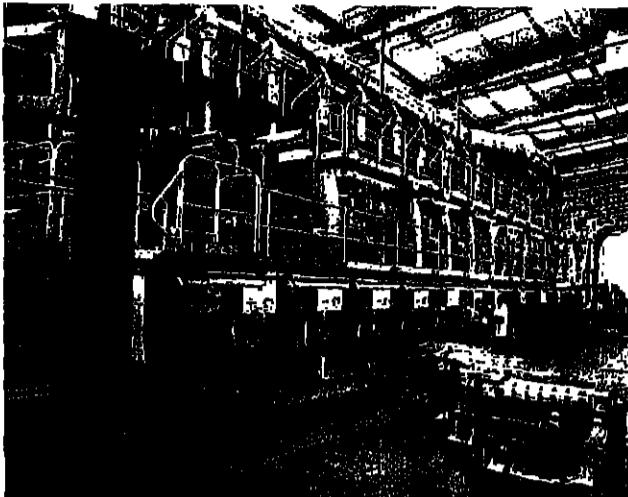
NEWS

Gravure investment gives fine colour control

A ten colour gravure press installed by Dublin-based Lawson Mardon Superior as part of a £4 million investment will give the company and customers the benefits of quick changeover between runs, high speed and fine control, including colour consistency.

Capable of running at up to 300m a minute, the Rotomec press offers automatic alignment of print cylinders and automatic positioning of impression rollers. Sleeves can be changed while rollers are on the machine and without the use of tools.

Process control includes automatic axial and longitudinal register control from a single sensing head, viscosity control of inks giving repeat colour consistency and a stationary colour display of the



The ten-station Rotomec gravure press at Lawson Mardon Superior

web for the operator. Maximum web width is 1035mm.

The management information system records makeready time, downtime and produc-

tion time. Printouts give the location on the reel of any product which is out of tolerance, and these accompany the reel on delivery to customers.

Filler handles hot challenge

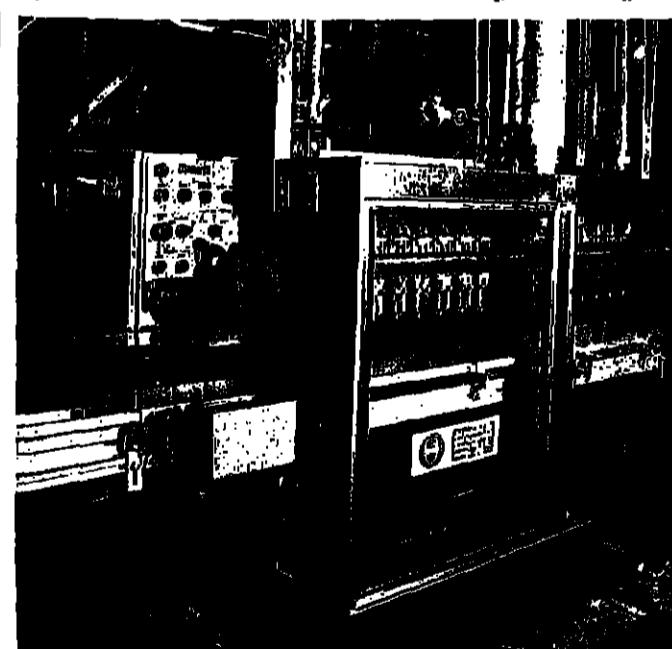
Automatic hot fill equipment from Masterfil has been installed by Elida Gibbs for its deodorants and anti-perspirants, requiring a complete lack of cross-contamination between these product types.

Responding to increased consumer demand for alternatives to aerosols, Elida Gibbs selected the filler as part of a new line for products including Lynx, Sure, Brut and Denim.

Previously its solid stick production had been on a much smaller scale.

Elida Gibbs says it is very pleased with the system. "The solid stick liquids are hot, viscous and difficult to handle, but Masterfil's system meets the challenge," the company confirms.

The filler had to cope with three different container shapes and, while guaranteeing no



The 16-head automatic filler designed by Masterfil for Elida Gibbs

cross-contamination between alcohol-based deodorants and silicon-based anti-perspirants, keep downtime between products to a minimum.

Half the 16 heads on the

specially designed filler are used for anti-perspirants and half for deodorants. The user can opt to use either half or all of the machine at any one time. This system avoids the need for a full scale cleaning process between products, says Masterfil (17 Farnborough Close, Stocklake, Aylesbury, Bucks - tel: 0296 25001, fax: 25002).

Feeding systems differ according to the requirements of the two types of liquid. Deodorant is fed from a mixing tank into a water-heated hopper. From there it is gravity fed into a water-heated manifold and then to the filling heads. Anti-perspirant is fed directly from a portable mixing vat into the heated manifold.

"The segregated filler heads combined with the easy one-touch controls for changing volume and size make product changes easier than on any of our other production lines," says Elida Gibbs.

For further information K10 Call for details 0839 772268

Superior supplies Irish, British and other European markets, with export accounts for over 50 per cent of sales. Customers include Mars, Cadbury, Kellogg's, Unilever and Nestle.

Mr Alan Marlborough notes the confidence in Superior that this investment demonstrates on the part of Lawson Mardon Packaging (LMP). LMP brings together the packaging businesses of Alusuisse

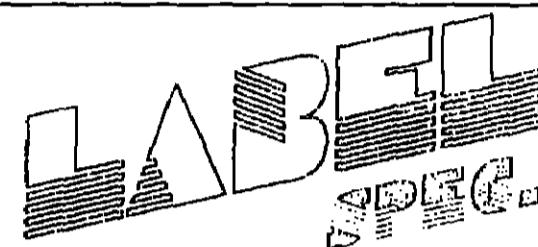
Lonza - A-L Packaging - and the Lawson Mardon businesses, acquired by the Swiss group.

Packaging now accounts for 40 per cent of the Alusuisse-Lonza turnover, and is the largest single entity within the group. "We feel we are the largest flexible packaging group in Europe, and soon will be the best," said Alistair Napier, chief operating officer of Lawson Mardon Food Division, at the launch of the press.

The Rotomec press is housed in a 2000sq m dedicated building adjacent to the main factory building (Jamestown Road, Finglas, Dublin 11, Ireland - tel: 010 353 1 834 431, fax: 834 7886).

Environmental benefits of the press include recirculated drying air for reduced solvent retention in the product and lower energy demands.

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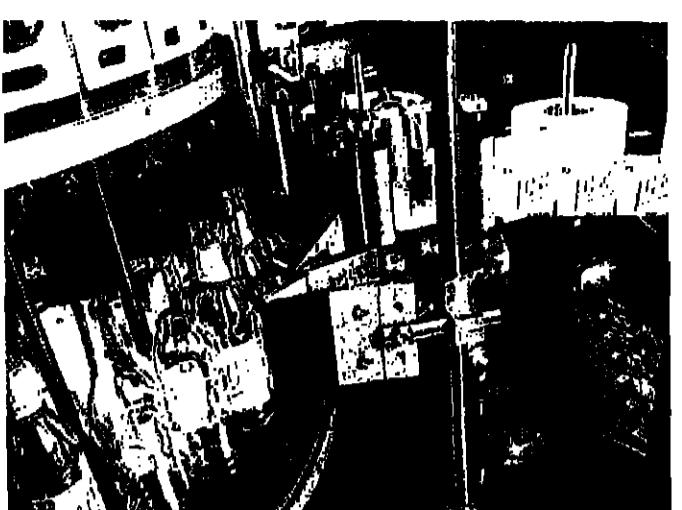
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Clear film labelling by UG has increased sales of Foster's Ice beer

Label has icy appeal

Responding to the huge demand for its system of applying clear film labels onto bottles immediately after production, United Glass (UG) has invested in a double stacker and de-stacker on its Larklow site.

Sales of Foster's Ice beer have, above all, exceeded expectations. "The hot summer undoubtedly helped sales of beers in general, but the taste and the attractiveness of the ice pack are winning over retailers, bar owners and consumers across the country," says Peter Silvester, marketing manager at UG. Sales of Appletiser apple and grape soft drinks in one litre bottles have also outstripped initial forecasts.

"Upgraded stacker"

The upgraded stacker - which like the original is from Zeecheni - handles two rows at a time rather than just one. A Festo pneumatic system channels labelled bottles towards one or the other of the two lanes for stacking. Also at the end of line there is a Cyklop strapper and a shrink hood unit for pallet loads of over 2800 bottles.

Since installing the Shore-

NEWS

Weigh efficiency for frozen sausage rolls

Ishida Europe's projects department has completed a major installation at Kraft Jacobs Suchard's factory in Bristol for the weighing and packing of frozen sausage rolls.

According to Kraft, the installation has greatly improved production speed and packing efficiency.

Central to the operation is Ishida's CCW.Z.214.W.T/30-WP multilead weigher linked to a Sandiarc TG31 bagmaker.

As well as supplying the weigher, Ishida has supervised the installation of a slotted belt conveyor which takes the product - following manufac-

ture and freezing - to the weigher, an electromagnetic crosshead feeder with infeed hopper and level probe to regulate the flow of product onto

low temperatures are maintained while the frozen sausage rolls are being packed. In addition, an extra enclosure is fitted around the top of the weigher platform into which cold air is continually fed.

The weigher handles a variety of sausage rolls, including cocktail, party and king size, and features a twin timing hopper to maximise packaging speeds, says Ishida (Crystal Drive, Smeethwick, Warley, W Midlands B66 1RJ - tel: 021-541 1441, fax: 021-544 4659).

As some packs are sold by the number of sausage rolls, the unit also features a special

counting programme.

The weigher is programmed with the piece weight of an individual sausage roll, with an allowed tolerance either side.

This information is then used to work out the target weight for the required number of products for a particular pack.

"Type of sausage roll"

Set up - to indicate the type of sausage roll to be packed and number required in each bag - is via the remote control unit.

Kraft says that it explored the options very thoroughly when establishing the new packaging line and the weigher has performed superbly, and has also proved extremely reliable.

For further information 159 Call for details 0839 772288

"Remote control panel"

the weigher, a custom designed support gantry, and an electrical remote control panel for control of the entire operation.

The line is situated in a separate temperature controlled room, to ensure that

NEWS

'Free tree' label leaflet promotion

On-pack Fix-a-Form leaflet labels from Denny Bros Printing Ltd have been used in a 'free tree' promotion by Benekiser, manufacturers of Calgon water softening agents.

The campaign not only offers free mountain ash trees for users' gardens, but also generates a £1 donation from Benekiser to the Woodland Trust. It was also necessary to turn the promotion round more quickly than pack origination would have allowed.

The six-page leaflet labels are four-colour printed and, together with detailed text, feature an illustration of the 75cm high Mountain Ash sapling. This is despatched to the consumer in a specially designed tree protector, with easy to follow planting instructions.

For further information 160 Call for details 0839 772288



Fix-a-Form leaflet labels used in the Benekiser 'free tree' promotion



A System 1200 wraparound casepacker was supplied to Gillette (UK)

Razor infeed gives sharper changes

then pushed forward into a cassette which, once loaded with the 5 x 4 collation, indexes sideways one pitch.

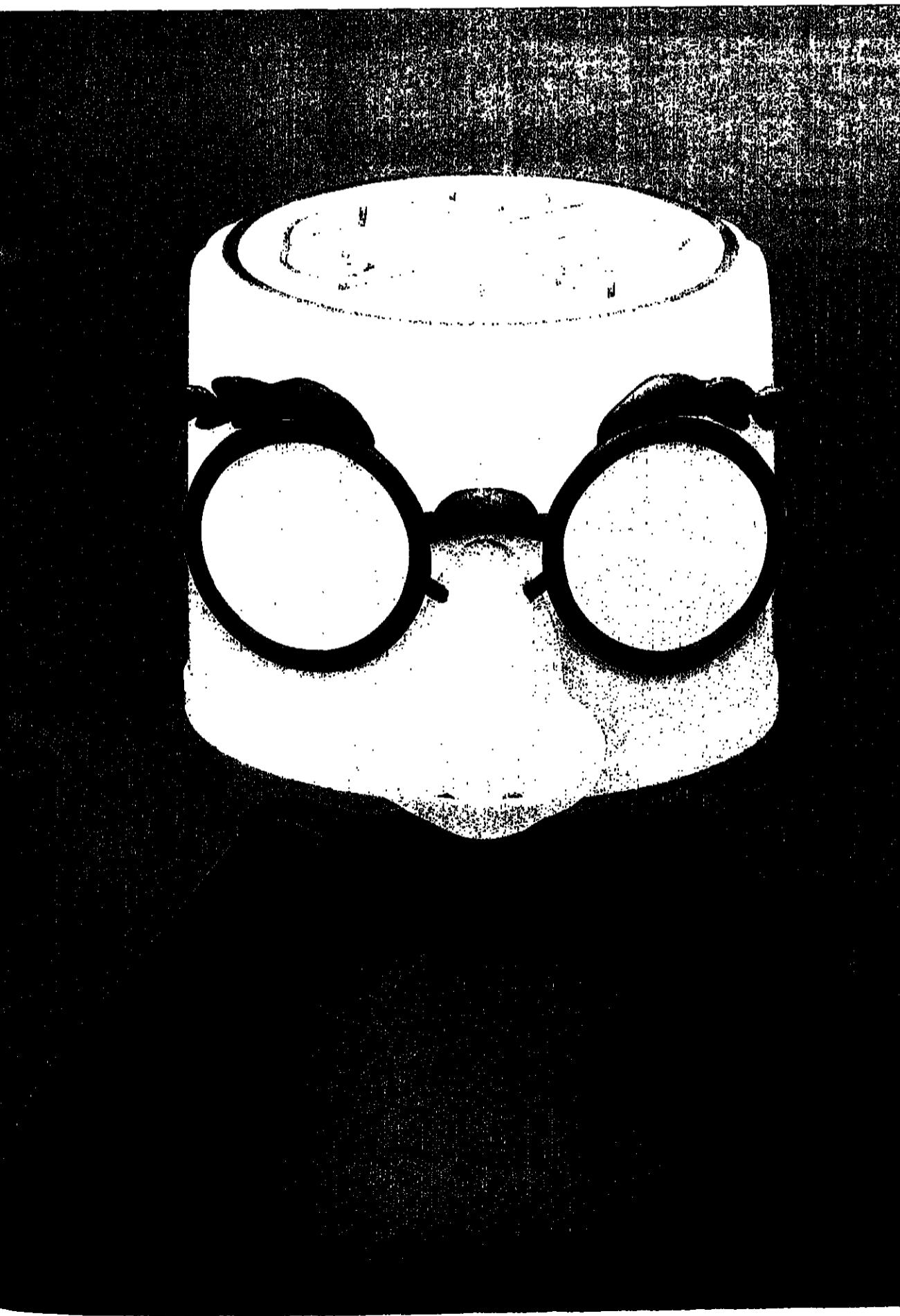
At this point the product is transferred via a mechanically driven product infeed paddle from the cassette to the waiting corrugated blank. This process is continuous, with the cassette assembly indexing one pitch at a time and returning progressively via a chain drive to the product loading point.

In this way, there is an opportunity to vary the number of rows from one to two, three or more depending upon requirements, and product is controlled positively throughout the infeed operation and, says AssiDomän, can be used for other flexible primary packs, in various collations, that require loading into corrugated transit cases.

Individual flow wraps arriving on the infeed conveyor, in a single line, are transferred through 90° and assembled into a single row collation 5 x 4 deep via an indexing lowerator. These are

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3-7 October
Europlast 94
International plastics and rubber exhibition, Paris Nord Exhibition Centre. Michelle Jackson or Catherine Chitlock, Promotions, The Colonades, 82 Bishops Bridge Road, London W2 6BB - tel: 071-221 3660, fax: 792 3525

4-6 October
Lendfilm Restoration & Aftercare
Training Course, Chester. The Training Department, IWM Business Services Ltd, 9 Savin Court, St Peter's Gardens, Northampton NN1 1SX - tel: 0604 20426, fax: 60467

4-5 October
Polypropylene '94
Conference, Swissotel, Zurich, Switzerland. Mack Business Services, Mönchstrasse 14, 8804 Aulnau, Zurich, Switzerland - tel: 010 41 1781 30 40, fax: 781 17 69

5-8 October
Interplas/Interpack/Interprint
International exhibition for the food processing and packaging industries, Jakarta, Indonesia. Reed Exhibitions - tel: 081-940 3777

10-13 October
Isopack
International packaging exhibition, Tel Aviv, Israel Trade Fairs Center, PO Box 21075, 61210 Tel Aviv, Israel - tel: 972 3 646 2422

11-14 October
Budatraspack
International packaging and materials handling trade exhibition, Budapest, Hungary. Hungexpo Budapest, PO Box 44, H-1441 Budapest, Hungary - tel: 36 1 157 3555

11-14 October
Printing and Equipment Show
Exhibition, Olympia, EMAP Trenton, 840 Brighton Road, Purley, Surrey CR8 2BH - tel: 081-660 8008

11-15 October
Scampack '94
Scandinavian Show, Gothenburg, Sweden. Svenska Mässan, The Swedish Exhibition & Congress Centre, Box 5222, 40224 Gothenburg, Sweden - tel: 010 31 109 100, fax: 160 330

11-15 October
MEBA

Trade fair for metal processing, Leipzig, Germany. Insa Overseas Fair, Ltd, PO Box 142, Rochester, Kent ME1 7HR - tel: 0174 824092

12 October
Intelligent tagging and merchandise

Conference, Mount Royal Hotel, London. Paul Clegg, RMDP Ltd, The Hideaway, Furze Hill, Ilkley, East Sussex BH3 1PA - tel: 0273 723667, fax: 821463

12-14 October
Luxury Packagings - Design Trends and Materials

International congress and exhibition, Munich. Verpackung Rundschau, Susanna Hart, Congress Department, Industrie 2, D-6310 Heusenstamm, tel: (0) 6104 605-310, fax: 606-323

12-14 October
Recycle 94

European trade fair for recycling technology and recyclable products, Stuttgart. The Kraft, German Chamber of Industry and Commerce, 16 Buckingham Gate, London SW1E 6LB - tel: 071-233 5856, fax: 7835

12-18 October
LPES - The National Print Production Event

Fabrikations Olympia, Emap Trenton, International Events Ltd, Beech House, 840 Brighton Road, Purley, Surrey CR8 2HJ - tel: 081-660 8008, fax: 081-660 6243

12-18 October
PPP China

International trade fair for packaging, printing and paper, Tianjin, China. Tianjin World Economy Trade and Exhibition Centre, 32 You Yi Road, Hexi District, Tianjin 30001, China - tel: 86 22 342 222

14-19 October
Interfood Shanghai

International exhibition for food processing and packaging equipment, Shanghai, China. Shanghai International Trade Information, 817-837 Dong Da Ming Road, Shanghai, China - tel: 86 21 546 3810

18-20 October
Foodtech '94

Exhibition of equipment and services to improve food hygiene, safety and quality, The New Exhibition Hall, The National Agricultural Centre, Stoneleigh, 21-22 November

DIARY

11-15 October
Coventry, UK. Multimed, Tonbridge, World Exhibitions, PO Box 77, Westbury on Trym, Bristol BS1 1AZ - tel: 0275 464422, fax: 464100

19 October
Adhesives in packaging and converting - environmental issues

Seminar, Gatreck Sue Wallis, Pira International - tel: 0372 376101

19-20 October
Pakex & Process Ireland

Ireland's national packaging and process exhibition, The National Exhibition Centre - The Point, Dublin. McCann McCorkell Presentations, Greenmount House, Harold's Cross Road, Dublin 6W, Ireland - tel: +353 97452493, fax: 4541179

20-21 October
Packaging Specifications

Course, Leatherhead Pira International - tel: 0372 376161, fax: 377526

24-26 October

Speciality Plastics '94

Conference, Swissotel, Zurich, Switzerland. Mack Business Services, Mönchstrasse 14, 8804 Aulnau, Zurich, Switzerland - tel: 010 41 1781 30 40, fax: 781 17 69

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19 October
Northern Packaging Plus

Exhibition, LCCC Old Trafford, Manchester AES Events, 31 Brighton Road, South Croydon, Surrey CR2 6EB - tel: 081-681 6699, fax: 5511

19-20 October
Logistics '94

International trade show on materials flow control, Utrecht, Royal Dutch Fairs, P.O. Box 8500, 3502 RM Utrecht-Holland - tel: +30 955 911, or Overseas Trade Show Agencies - tel: 071-486 1951

19-20 November
Chinaplas

International exhibition on the plastics and rubber industries, Beijing, China. Adcote Exhibition Services, 21/F, Tung Wei Commercial Building, 103-111 Gloucester Road, Wan Chai, Hong Kong - tel: 852 511 0511

13-17 November

Pack Expo

International packaging exhibition with conference, Chicago PMMI, 1343 L Street NW, 2005 Washington DC, US - tel: 1-202 347 9338

24-28 October

Interphex

International pharmaceutical, toiletry and perfume exhibition, Olympia, Reed Exhibitions - tel: 021 705 6707

21-25 November

PPM Show

International packaging machinery and materials exhibition, UFA, Russian Federation, Bash Expo, PB 318, UFA 450080, Russian Federation - tel: 3472

Principles of packaging

Course, Leatherhead Pira International - tel: 0372 376161, fax: 377526

22-24 November
Manufacturing Week 94

Exhibition including the Rapid Prototyping and Tooling Exhibition, NEC, Birmingham, UK. Liz Scriven, Showcase Communications, 36 Earls Court Square, London SW5 9DQ - tel: 071-381 2442

23-25 November
Interphex 94

Show for the international pharmaceutical and cosmetics manufacturing industries, Olympia, London. Paul Wilson, sales manager, Reed Exhibitions, Oriel House, 26 The Quadrant, Richmond, Surrey TW9 1DL - tel: 081-948 9883, fax: 9848

16-17 November
Reins & Pigments '94

Exhibition for the coatings industry, Copenhagen, Denmark. Jane Malcolm-Cox, FMJ International Products, Queen's House, 2 Queen's Way, Rotherhithe, London SE10 1OS - tel: 071 768611, fax: 761685

23-25 November
National Packaging Plus Exhibition

Tel: 081-681 6699

14-16 November 1995

PPM Show

Tel: 081-681 8236, fax: 081-681 1641

26-30 November 1995

Retalpack 95

Tel: 0272 672556

FUTURE EVENTS

3-7 April 1995

Pakex

Tel: 081-948 9800

17-19 October 1995

National Packaging Plus

Exhibition

Tel: 081-681 6699

14-16 November 1995

PPM Show

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26-30 November 1995

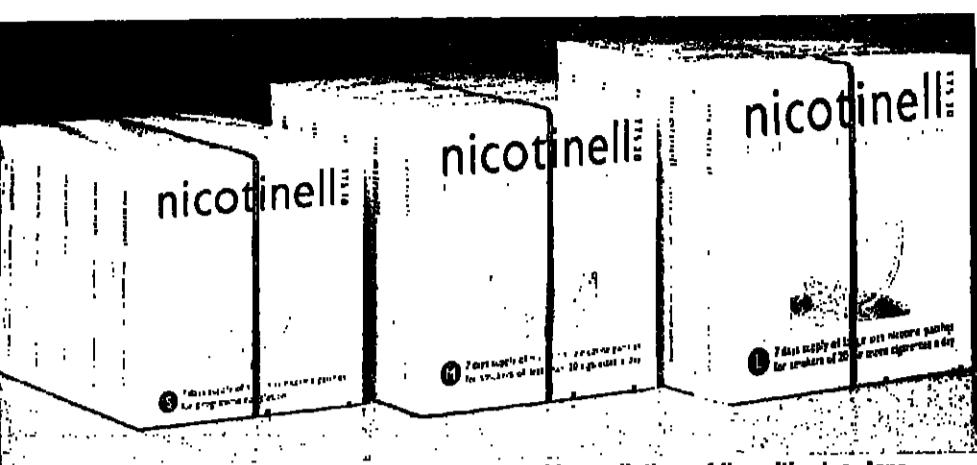
Retalpack 95

Tel: 0272 672556

NEWS

11

Nicotine patches overwrapped



Nicotinell Transdermal nicotine patches are overwrapped into cartons of five with a tear tape

- tel: 0202 861200, fax: 861400.

"We had been very satisfied with their performance on our other lines and when the packaging of Nicotinell was transferred here, we decided to purchase another ME 12-30 machine specifically for that product," says Ken Green, works engineer for Zyma Healthcare.

All three Marden Edwards units at the plant are pharmaceutical grade machines with stainless steel panels, fault find-

.....

Vitamins and supplements from Seven Seas are now being packed in an 'intermediate tub' manufactured by Jaycare Ltd.

The announcement of the contract follows a £500,000 investment at Jaycare in injection blowmoulding machinery as part of a move to increase its share of the otc healthcare market.

Designed to satisfy extremely demanding filling and labelling requirements, the bottle is injection blowmoulded in polypropylene with an R3 screw neck. It is custom moulded to complement the Seven Seas brand, says Jaycare (14 Alder Road, West Chirton North Ind. Est., North Shields, Tyn & Wear NE29 8SD - tel: 091-296 0303, fax: 091-296 1842). Bill Rodgers, marketing manager at Jaycare, says this contract has justified the investment made in equipment.

For further information K10

Call for details K10 0838 772288

PP bottle meets high demands

The Seven Seas intermediate tub by Jaycare: an injection blowmoulded pp bottle with R3 screw neck

The Seven Seas intermediate tub by Jaycare: an injection blowmoulded pp bottle with R3 screw neck

ASHWOODS EXCLUSIVE RANGE OF DISPOSABLES

For over 20 years we have been the exclusive importers of

Jonipax/unipak injection moulded and thermo-formed containers.

Polycup Thermo-formed water clear containers, incorporating our exclusive transparent high impact models suitable for food use.

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We supply a range of disposable round and rectangular polystyrene containers, varying in capacity from 25 ml to 5.8 litres, with lids, suitable for all classes of food packers, especially delicatessen, fruit and nuts, meat products.

SANDWICH PACKS • BUN PACKS • SALAD CONTAINERS

BEST IN METAL

Bestseller takes Best in Metal award

Marks & Spencer and Trebor Bassett clinched the top award for a Liquorice Allsorts tin with a bulged emboss "never before achieved to this extent" in the tenth annual Best in Metal Awards.

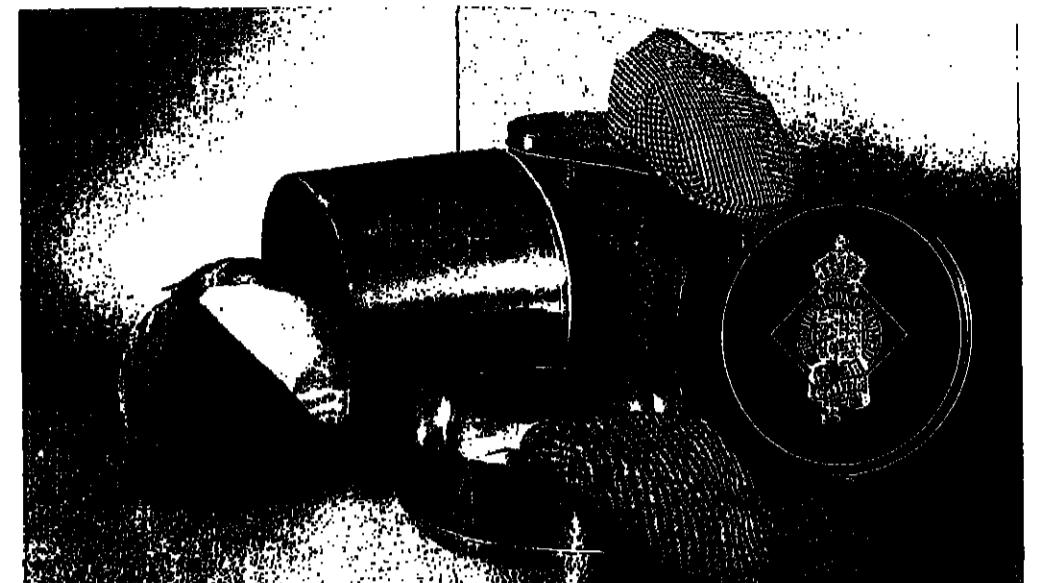
The distinctive tin, which won the gold award in the promotional food category, received the unanimous support of the judging panel to take the Supreme Gold Award - the best of the ten gold winners.

Designed by Marks & Spencer and Trebor Bassett, and manufactured by Carnaud-Metalbox Speciality Packaging UK/USA, the tin's bulged emboss is used to full effect in creating the shapes and colours of Liquorice Allsorts.

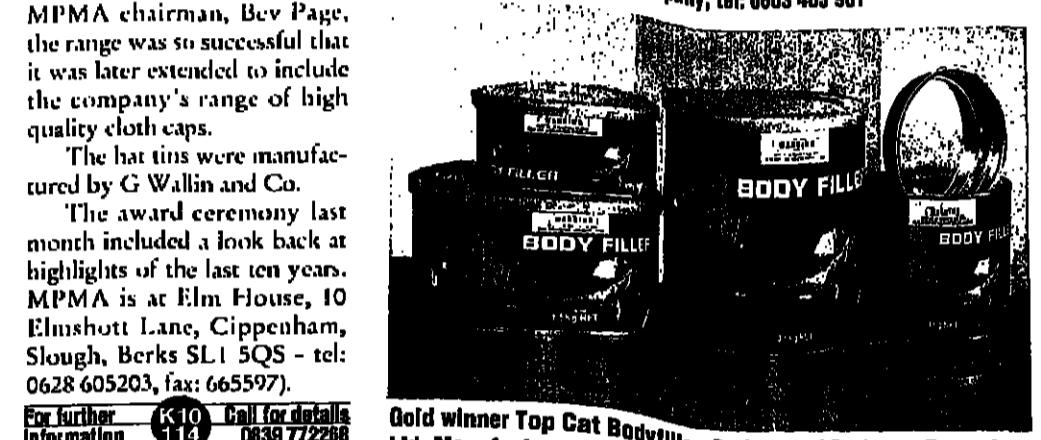
The tin became a bestseller over the Christmas period.

Organised by the Metal Packaging Manufacturers Association (MPMA), the Best in Metal Awards celebrated its tenth anniversary this year by attracting over 100 entries.

The Chairman's Award for the entry which demonstrates the best new market for metal packaging was won by Thomas Townend and designers, Eiger International for their innovative approach to the sale of sporting headgear. Selected for the award by



Winner of the Chairman's award were these Hat Tins. Customer: Thomas Townend (1778) Ltd; Designer: Eiger International; Manufacturer: G Wallin and Company, tel: 0803 403 901



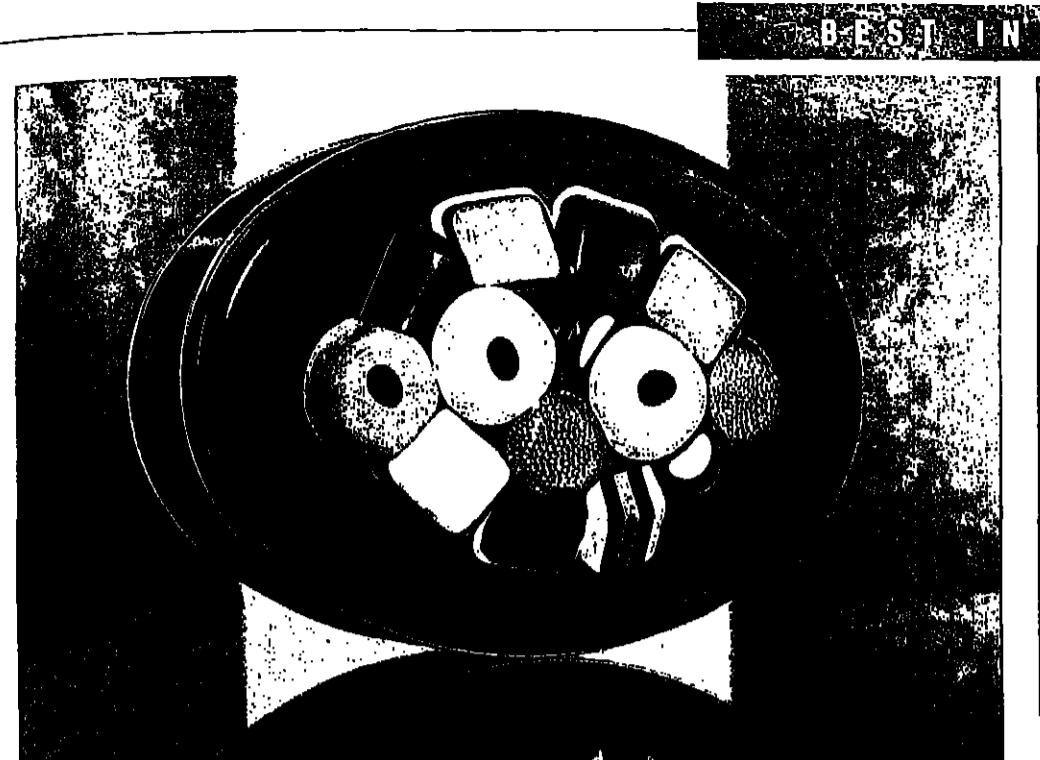
Gold winner Top Cat Bodyfiller; Designer and Customer: Tetrasyl Ltd; Manufacturer: DKS Packaging Ltd, tel: 051-822 2856



Gold winner Sainsbury's Cool Crush range; Designer: Davies Hall; Manufacturer: CarnaudMetalbox Bevcan plc, tel: 0228 61200



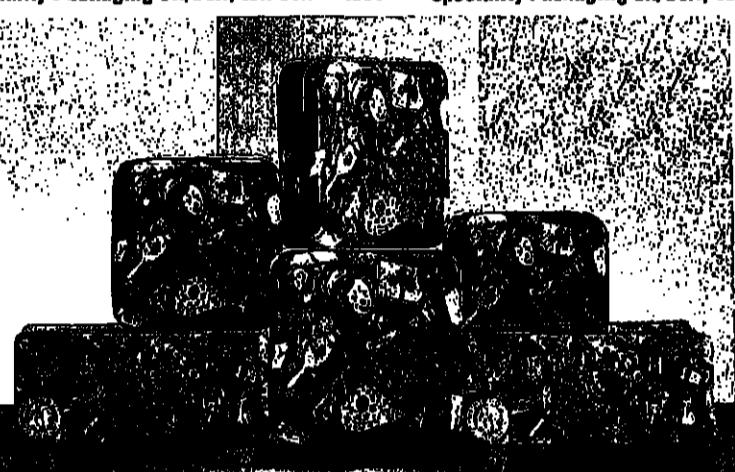
Gold winner Goodlife; Customer/Designer: Dalgety Spillers Foods; Manuf: Carnaud Metalbox plc, Foodcan Group, tel: 0906 762323



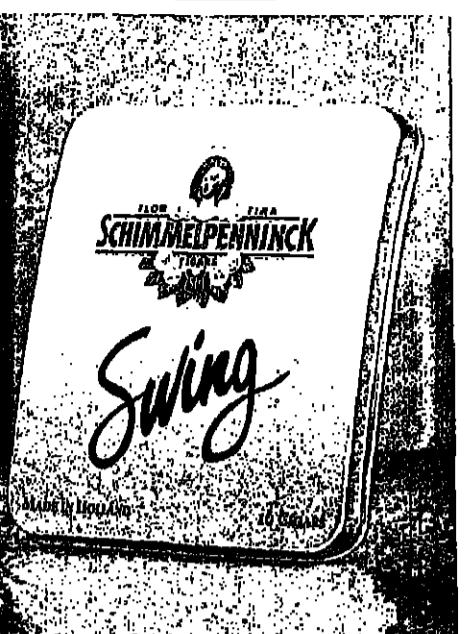
Supreme Gold was captured by this Liquorice Allsorts Tin. Customer/Designer: Marks & Spencer plc and Trebor Bassett Ltd; Manufacturer: CarnaudMetalbox Speciality Packaging UK/USA, tel: 0623 22651



Gold winner Chrystax Polish. Customer/designer: Blue Coral; Manufacturer: Lawson Mardon, tel: 0623 512012



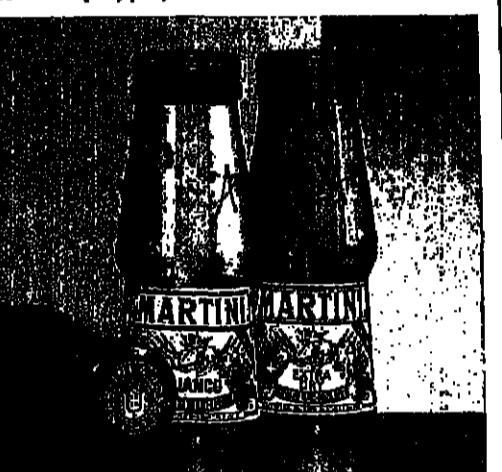
A gold went to these Memory Tins. Customer and Designer: The Silver Crane Company; Manufacturer: Linpac Metal Packaging, Reading, tel: 0753 441144



Gold winner in the Promotional section: Original Swing Tin for Cigars. Customer and Designer: Rothmans International; CarnaudMetalbox Speciality Packaging UK/USA, tel: 0623 22651



Gold winner in the aerosols section: XZ Husking, Customer and Designer: Berner Ltd (Finland); Manufacturer: CarnaudMetalbox Aerosols (UK) plc, tel: 0823 555555



Gold in closures section: Martini Mixers; Customer and Designer: Martini & Rossi; Manufacturer: MCG Closures Ltd, 021-553 2900

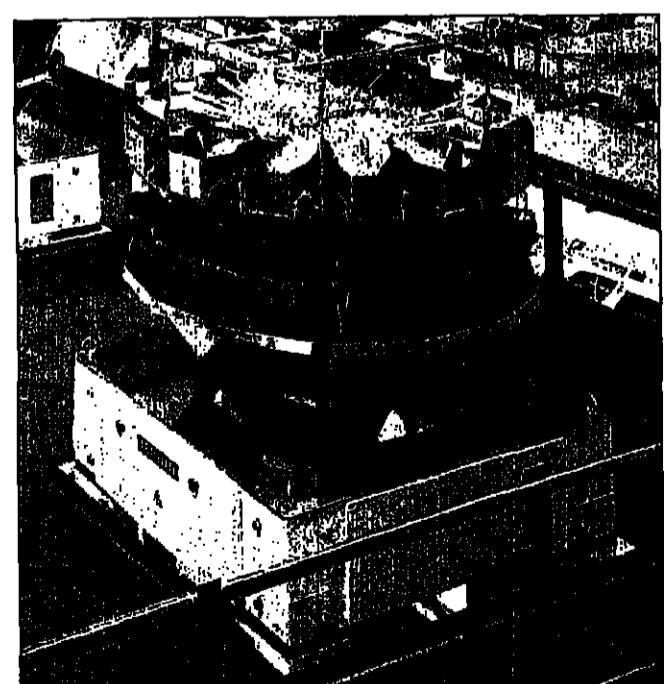
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Today Ishida multihead weighers can be found all over the world, bringing standards of accuracy, efficiency and reliability unmatched by any rival.

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A NEW MULTI-TRIP PACK
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REBOX

■ Returnable
■ Reusable
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■ Reliable

The aptly named **REBOX** available in various sizes can be made from Wood - Plastic - Corrugated etc.
Delivered/Returned flat -
No strapping needed -
Easily clipped to tray & lid.

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Fax: 0529 260718

Call on 0839 772268 or enquiry number K10-425

Foreign body inspection system

A foreign body inspection system which is designed for continuous in-line operation in hostile environments has been launched by Safeline Ltd.

Called Linescan, it can detect stone, glass, unwanted bone content, paper, plastics, metal and other foreign bodies in food and non-food products alike, with particulates down to 0.5mm identified.

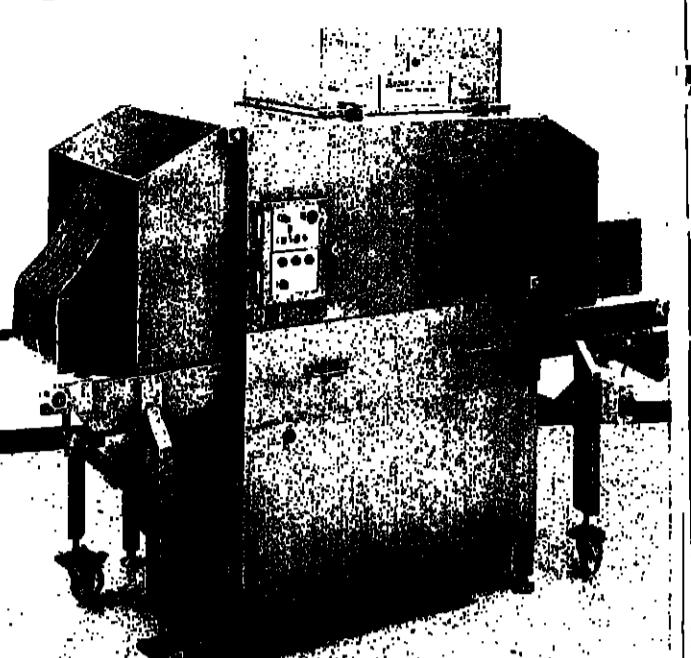
Products can be inspected either unpacked or packed and ready for shipment. Packaged goods may be monitored by the case, rather than individually, making overall installation costs very competitive, says the company (Montford Street, Salford M5 2SN - tel: 061-848 8636; fax: 061-848 8595).

Safeline has worked with US electronics company EG & G to adapt imaging technology originally developed for

aerospace. This has been matched with equipment derived from an X-ray research programme. According to Safeline, this combination gives unprecedented levels of accuracy and reliability in detection and rejection of contaminated food and dairy products.

As well as being able to detect foreign bodies in products of varying thicknesses, such as chicken breasts, Linescan will also detect unacceptable voids such as hollow heart disease in potatoes.

Four machines comprise the range and all systems can be supplied with custom designed rejection devices.



For further information K10 Call for details 0839 772268

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The Linescan foreign body detector from Safeline Ltd

KLÖCKNER PACKAGING SOLUTION #3145

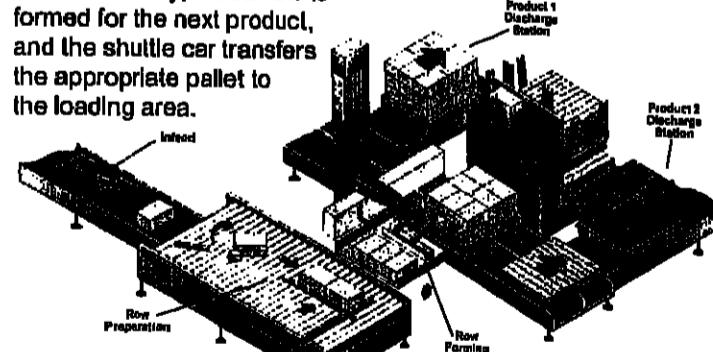
The Case For Automatic Palletizing of Multiple Lines.

Justifying the transition from manual to automatic palletizing of multiple low speed lines has always been a challenge. While automatic palletizing offers many advantages, the cost justification of individual palletizers for each line is typically an expense greater than the potential benefit.

To meet this challenge, Klöckner Priority One developed the Multi-Car Shuttle System - able to palletize up to four individual lines with a single palletizer, *requiring only 1½ layers of accumulation* for each line.

The system works on-demand, accepting products from up to four sources and staging these products prior to advancing individual product groups to the row forming area. Rows are formed individually for each product and the shuttle car moves the corresponding pallet into position.

Simultaneously, a new row is formed for the next product, and the shuttle car transfers the appropriate pallet to the loading area.



The result? One palletizer. One investment.

Multiple benefits! And the flexible Klöckner Priority One palletizer provides automatic change-over, low maintenance and the capability of unattended operation as primary benefits.

Klöckner Priority One makes a strong case for multiple line palletizing from a single palletizer. Put one of these innovative new systems to work in your plant by contacting Klöckner Hänsel U.K. at 0733-60911, ask for Ian Hart.

KLOCKNER
HÄNSEL U.K.

ON LINE WITH YOUR IDEAS 0733-60911

Call on 0839 772268 or enquiry number K10-445

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Meeting a demand for hygiene training

ADAS, a commercial agency of MAFF, is to run a further hygiene training course for packaging industry managers in March next year, following great demand for last month's event.

Designed to offer managers in the packaging industry the opportunity to receive comprehensive training on food safety, the course will be a four-day event which includes taking hygiene examinations.

"The success of the previous course and demand from companies for a quick repeat has led to the introduction of this new date," says Ian Grey, business development manager.

For further information K10 Call for details 0839 772268

132

The aim of the promotion

is to involve creating a team approach between various departments at each company such as customer services, production and quality control.

As well as setting up this style of working, Rockware has also invested in a furnace rebuild at its Headlands plant, together with the installation of 10 section triple gob machine.

It gives companies an ideal opportunity to develop the hygiene expertise necessary to take control of their hygiene management and deliver the standards expected by the food industry," says Mr Grey.

ADAS launched its Hygiene Accreditation for the packaging industry in 1991 and is now recognised by many food retailers and manufacturers as the standard to be accepted for packaging supply.

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Naturally, this gives our customers a big advantage. Because they know that by ordering from us, they can expect prompt delivery.

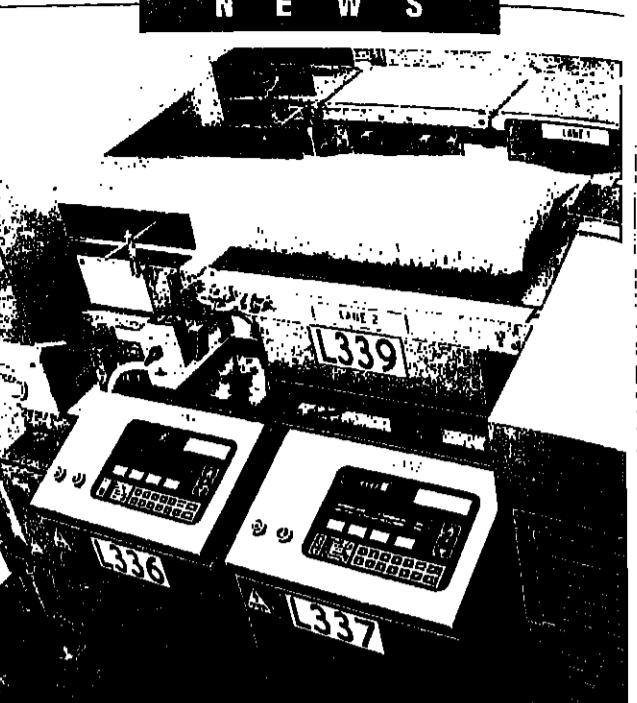
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16

NEWS



Loma twin lane 7000 Combo inspection system at Marlow Foods

Quorn checked and scanned at speed

Checkweighing and metal detection equipment to run on the extended production facility for Marlow Foods' Quorn product is being installed by Loma Systems.

A Loma 7000 Combo, integrating metal detection and checkweighing, has already been installed on the first line to be commissioned at the Stokesley, N Yorkshire, plant.

The first Loma unit is a twin lane system designed for maximum flexibility and sensitivity. It will handle a wide range of pack sizes, both for retail and catering customers.

Positioned immediately after the bagging station where variable quantities of frozen Quorn cubes are packed into polybags, the Combo uses one conveyor to check packs of between 0.5 and 2kg. The second takes packs of between 2 and 10kg.

Each lane combines a metal detector and weigh cell on a common, easily adjustable frame. The lane for lower weights runs at speeds of up to 65 packs a minute and the second lane at just three a minute. Product identified as over-

weight or contaminated is pushed from the line by a reject device on the outfeed conveyor, says Loma (Southwood, Farnborough, Hants GU14 0NY - tel: 0252 540340, fax: 513322).

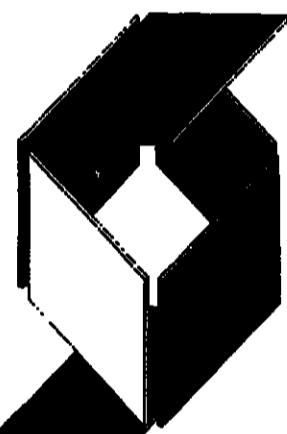
"The Loma 7000 Combo allows us to assure our customers that our products have been tested to the highest standard and meet legal weight requirements," says Keith Bramwell, plant manager at Marlow Foods. Its high speeds, reliability and ease of use are key advantages, he says.

The first line will enable Marlow to build up its annual production capacity from 1,000 tonnes to 7,000 tonnes. Another 7000 Combo will be installed on a second line which will double this capacity.

Components on each lane will be tailored to the characteristics of product within each weight band. "The twin lane system gives us the convenience of handling all our product sizes on one line without compromising accuracy," explains Mr Bramwell.

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Redesign adds vitality

Striking reformulation of brand identity has been achieved for Vitalite sunflower spreads by PI Design, fully using the depth of the tub. Packs for Kraft Jacobs Suchard's Vitalite and Vitalite Light spreads have been redesigned to give maximum shelf standout, more modernity and - as the brand name suggests - vitality to the product's identity. At the same time, key features of the brand have been maintained, says PI (1-5 Colville Mews, Lonsdale Road, London W11 2AR - tel: 071-727 3226, fax: 071-727 4831).

The consultancy beat two major competitors in a pitch for the redesign, which carries the same bold colours on the tub wall and lid.

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£3 billion buying power at packaging focus '94

The combined annual purchasing power of delegates attending packaging focus '94 will exceed £3 billion, more than a third of total UK sales.

This figure emerges from research carried out by the organisers, Richmond Events, into the business profiles and interests of delegates planning to attend the event, which is being held on board the P&O ship, Sea Princess, from September 22-25.

The research shows that the annual average expenditure on packaging of delegate companies amounts to at least £12 million. Nearly half have a total annual spend of more than £10 million, including 38 per cent with an expenditure of more than £20 million.

Breaking down spending patterns for specific packaging materials produced further interesting data:

- 57 per cent of respondents come from organisations spending more than £1 million a year on cartons and cases;
- 43 per cent spend more than £1 million on laminates, films and foils;
- 33 per cent spend the same amount on paper and board.

A smaller percentage, however, spent more than £1 million on cans, metal caps, closures, glass and rigid plastic containers.

Given that half the respondents indicated they were not able to see more than ten potential suppliers each year, the event offers a time-efficient means of reviewing new developments and identifying new suppliers.

Interestingly, the opportunity to meet other delegates is another central appeal

The sample included key buyers from food and drinks companies - two-thirds of total packaging consumption - and manufacturers of confectionery, cosmetics, pharmaceuticals, toiletries and household chemicals.

Significantly, two-thirds of the buyers surveyed expected to see a decrease in the number of packaging suppliers they deal with over the next year. Nearly half of them come from organisations with annual packaging expenditures exceeding £20 million.

The main appeal of packaging focus '94 for delegates is two-fold, the survey indicated. For nearly all, it was an opportunity to keep up-to-date with industry developments, but 80 per cent of respondents also said it was a chance to investigate potential future suppliers.

Given that half the respondents indicated they were not able to see more than ten potential suppliers each year, the event offers a time-efficient means of reviewing new developments and identifying new suppliers.

Interestingly, the opportunity to meet other delegates is another central appeal

Research - The Key Findings

Total estimated buying power of delegates - more than £3 billion a year.

Total annual UK packaging expenditure - £8.5 billion (Rowena Mills Associates)

Nearly 50 per cent of respondents come from organisations spending more than £10 million a year on packaging

80 per cent of delegates see packaging focus '94 as an opportunity to see potential suppliers

The main issues of concern are innovation and technological developments, and packaging price trends

of the event. It offers delegates a unique environment in which to build relationships and debate industry issues - and there are several that delegates want to discuss.

The research identified two main concerns - innovation and technological developments, and packaging price trends.

Given that half the respondents indicated they were not able to see more than ten potential suppliers each year, the event offers a time-efficient means of reviewing new developments and identifying new suppliers.

Interestingly, the opportunity to meet other delegates is another central appeal

Exhibitor support grows

As part of its extensive study into delegate opinion, Richmond Events also carried out direct research over the telephone. In general, this confirmed the findings of the main survey, but it also showed the range of reasons why delegates attach so much importance to the event. Here is just a selection:

- "We're looking for innovative ideas, to see what's being won in new fields"
- "We're bringing a new product, yet to be launched, and we want ideas on how to package it"
- "We'd like to see potential new suppliers in case we're missing opportunities or new ideas"
- "We'd like to meet suppliers who can deal with us on a nationwide basis"
- "It is a chance to network with other packaging buyers, an opportunity not normally possible across different companies and sectors"
- "We are launching a new range of products in the late autumn and we would like to meet new suppliers who can offer innovation in their packaging"
- "In our sector, we are a leader in packaging innovation, and we want to look at materials other than metals and plastics"
- "We are considering sourcing all our European packaging in the UK"

Francisco Serrano, Marketing Manager of CarnaudMetalbox said: "It is our objective to focus on packaging innovation and present new concepts to companies looking for new packaging ideas. The event gives us the opportunity to hold meetings with dozens of existing and new customers over a cost-effective period of time."

From one of the two Lawson Mardon divisions attending, John Stott, Sales & Marketing Manager, Plastics also commented "packaging focus '94 provides a good opportunity to meet and discuss the future direction of the industry with influential and knowledgeable experts and Lawson Mardon Plastics is particularly looking forward to hearing their views."

For Van Mierlo Proost another new exhibitor, packaging focus '94 is an opportunity for a European company to

Conference details

Leading industry figures have been involved in the extensive and well-researched conference programme from the outset. For a round-up of the agenda and all the topics to be debated in the conference and workshop sessions, please turn to the centre pages.

break into new ground. "I see it as an ideal platform to introduce ourselves to 'blue chip' companies with a view to working in partnership for the future," said Chris Askwith, UK Sales Manager, At Tungate Forrs & Labels, Ray Tungate, Managing Director, saw packaging focus '94 as a "must". "We're delighted to be there because it gives us a unique opportunity to introduce litho web, flexible packaging and labels to major end-users."

Exhibitor companies who have confirmed to date include: CarnaudMetalbox Foodcan; CarnaudMetalbox Speciality Packaging; DataColour; Fuji Seal Europe; ICI Films; Melinex Group; Lawson Mardon Fibrenyle; Lawson Mardon Plastics; Pira International; PP Payne; The Institute of Packaging; Van Mierlo Proost; Walmsley

Call on 0839 772268 or enquiry number K10-557

The conference programme

The detailed research among delegates and industry figures has enabled the organisers to put together a highly relevant and constructive conference programme. It addresses many of the current concerns of the industry in keynote presentations and practical workshops.

"Our aim," says Conference Organiser, Isabel Hutchings, "is to deliver both a comprehensive, strategic overview of the industry for a top-level, decision-making audience and to provide a series of interactive workshops which will produce real solutions and ideas."

The workshop programme will focus on four key areas:

- technological developments and innovation,
- the environment at minimum cost and for maximum competitive advantage,
- partnerships - panacea and progress?
- packaging price trends.

Keynote 1

'The Strategic questions we must face'

In a scene-setting opening presentation, Victor Watson, President of the Institute of Packaging, will focus on the strategic questions that decision-makers in the industry are now having to address in the rapidly changing markets of the 1990s.

"There are many challenges in front of us," he said, "but three, I think, stand out."

"Firstly, there is a growing concentration of power among retailers and manufacturers, which could have substantial implications, and secondly, the general internationalisation of business is forcing us all to take a hard look at production, distribution and markets."

"Thirdly, as with most industries today, technology and the speed of its advance is making a very significant impact, not least on planning and investment."

Victor, a former Chairman of Waddingtons, will also discuss trends in packaging and provide delegates with his view of how the industry can develop and prosper.



Keynote 2

Facing the future

Trying to assess industry trends demands consideration of a wide range of factors - from the globalisation of trade, conforming with new legislation and technology through to environmental needs, automation and integration.

Taking as his theme, *Partnerships - Panacea and Progress?*, David will outline his views and experience of the concept, drawing on examples from his own company. He will stress the need to choose strategic partners carefully and for each party to have a clear understanding of each other's motives.

Partnerships can change existing working relationships and, with the use of the right tools, can bring a range of benefits. But are they a panacea?

David's conclusions are both enlightening and realistic.

Partnerships are also featured strongly in the workshops programme with separate sessions for different industry sectors. (See *Dogma versus reality*, Workshop 3)



Keynote 3

Are partnerships the answer

One of the most widely debated issues in the industry is the question of partnerships, which will be addressed in a keynote presentation by David Johnson, Business Planning Director of Lawson Mardon Packaging Ltd.

Taking as his theme, *Partnerships - Panacea and Progress?*, David will outline his views and experience of the concept, drawing on examples from his own company. He will stress the need to choose strategic partners carefully and for each party to have a clear understanding of each other's motives.

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Keynote 4

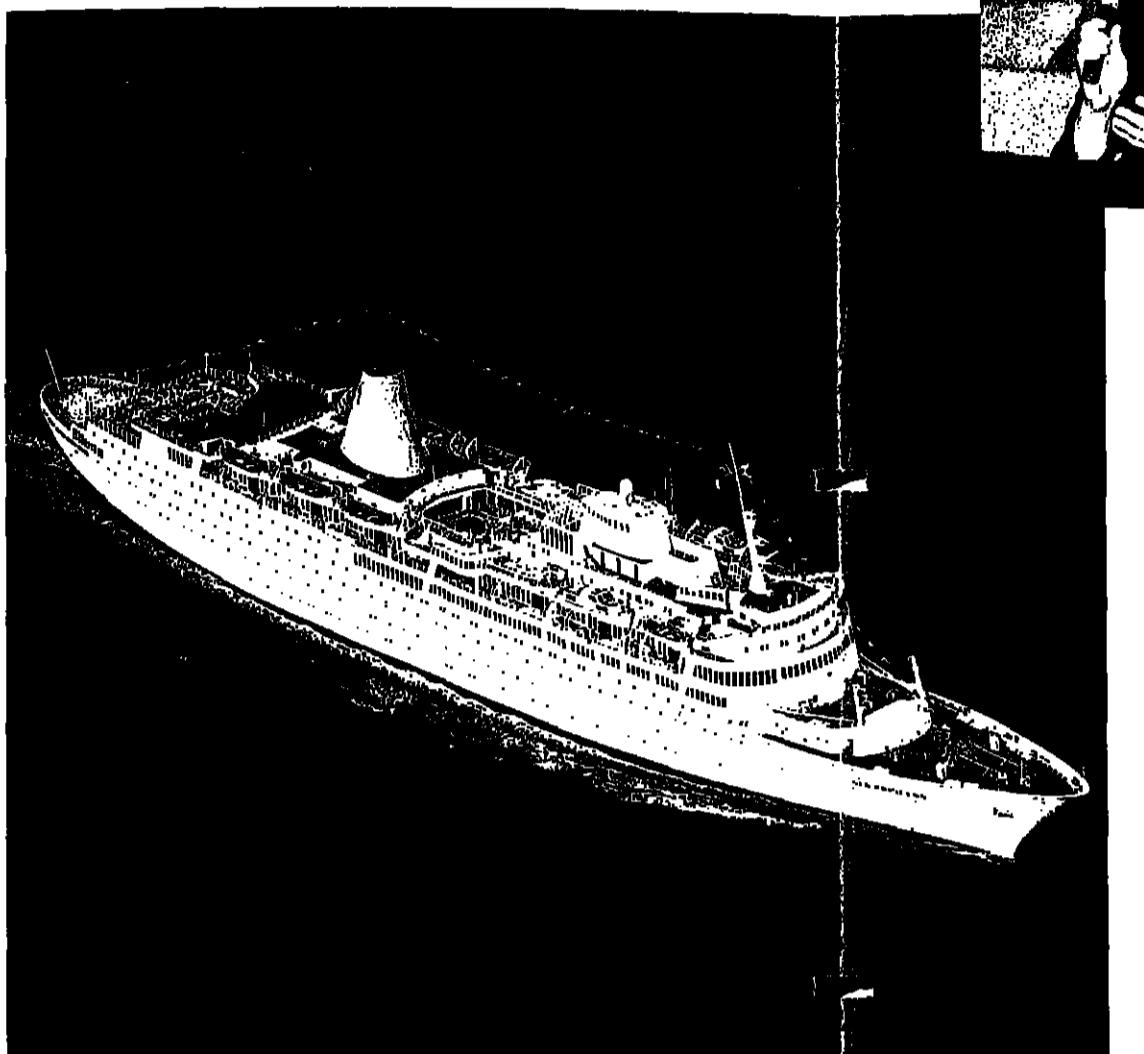
What does the consumer want?

To what extent has packaging innovation become a necessary condition of successful brand marketing? This key question will be addressed by Paul McGowan, Head of International Research at The Added Value Company.

In a keynote presentation, *Packaging for the Consumer*, he will discuss the contrasting trends of 'minimalism' and bulk-buying through discount stores, and look at which is the dominant trend.

He will also debate the question - "What value does packaging innovation really add?" - and examine the promotional implications of the part packaging plays in terms of consumer need.

Finally, Paul will broaden the scope of his presentation by focusing on Europe and assessing the degree of consistency on the Continent.



"The radical format of this new-style event really sets it apart from any of the conventional exhibitions and conferences which operate within a market sector. It has been designed to meet the complex needs of senior decision-makers who recognise the value of staying close to industry thinking but whose time for such updating is strictly limited." **Martyn Wilks, Market Development Director, Mars Confectionery**

"What's really good is the opportunity to meet and talk to so many key people in one place over two days. The event provides a platform where the top customers and suppliers in an industry can focus on strategic issues and, by doing so, take a real step forward." **Gavin Walker, Marketing Director, Cussons UK**

Keynote 5

Environment - the Industry's response

With increasing concern for the environment, how should the industry respond strategically to the issues raised? What are the benefits of environmentalism? What are the costs? Who pays?

These are just some of the questions to be faced in the fifth keynote presentation. The address will focus on how the costs involved should be spread through the packaging chain and will look at the impact of environmentalism on the bottom line. It will also discuss whether environmentalism offers the possibility of cost savings and competitive advantage, and consider the likely long-term solutions to the problem.



workshop sessions

Workshops 3

Dogma versus reality

"The dogma suggests that partnership is a panacea to drive business forward," said Alan Cooley, of PMMS Consulting, who will lead the series of workshops on partnerships.

"The reality is that what businesses are really seeking are effective business relationships that are clearly defined, measurable and which genuinely stimulate, drive and deliver change, and so improve the long-term viability of both customer and supplier."

Alan will run separate workshops for various sectors including food, drink, pharmaceuticals, toiletries and household goods. Each will focus on the questions: What is an effective business relationship? When and where should such relationships be the prime focus? Why do the vast majority of purchasers treat the word 'partnership' with considerable scepticism?

Workshops 4

Price trends - Where now?

After a turbulent period arising from the international recession, the packaging industry now faces a new challenge so far as pricing is concerned: can the rising costs of raw materials, and hence of converted packaging, be passed on?

This critical question will come under special scrutiny in a series of industry sector workshops run by Rowena Mills, Chairman and Chief Executive of RMA.

She said: "There has been intense turmoil in the past few years as the effects of recession have been felt in the world markets. With decreased demand, raw material prices fell. But now as countries move out of recession, prices are starting to move up."

"The key problem facing manufacturers," she added, "was how they could pass on any cost-based increases while under extreme pressure from major customer groups, pressurised as they are by the supermarkets, to hold prices."

Rowena will be holding separate shops for various industries including plastics, metals, glass, paper and board.

Workshops 5

Coping with special needs

Britain's increasingly ageing population poses a challenge for the industry. With poorer vision and reduced physical ability, elderly consumers can experience difficulty reading information on pack and opening products.

This important issue will be the subject of a special workshop run by Jane Moore and Ken Mulholland from the Institute of Grocery Distribution, which has been involved in a number of age-related packaging initiatives.

Said Jane: "The elderly are a significant and growing part of the consumer market and we have to address their special needs if we are to meet their expectations. In the workshop, we will be looking at how the industry can enhance product appeal at the same time as improving legibility and openability for the elderly."

Two other special workshops during packaging focus '94 will highlight specific issues: 'Packaging and the Decision to Buy' and 'Technology in Design - New Horizons'.

The delegate list

Over 200 delegates from the following list of companies have reserved a place at packaging focus '94

3 M Health Care Ltd Packaging Buyer
Abbott Laboratories Ltd Assistant Materials Procurement Manager
Abel Eastern Foods Ltd Purchasing Manager
Aicor Consumer Products Ltd Material Control Manager
Ailed Bakeries Ltd National Packaging Manager
Ailed Frozen Foods Ltd Packaging Development Manager
Ailed Lyons Retail Development Manager
Anchor Foods Ltd Materials Manager
Anglia Oils Ltd Operations Director
Asian Manor Brewery Co Ltd Production Director
Avana Bakeries Ltd General Manager
B E International Foods Ltd Packaging Buyer
Bass Brewers Ltd Packaging Buying Manager
Baxters of Speyside Ltd Senior Buyer
Beauty International Ltd Operations Director
Beaverloc (Fine Foods) Ltd Purchasing Manager
Bundicks (Mayfair) Ltd Operations Director
Burel Ltd Purchasing Manager
Berry Brothers & Rudd Ltd International Brands Director
Blawcot Convenience Foods Ltd Purchasing Manager
Bodycare Toiletries Ltd Purchasing Manager
Bowers (Wiltshire) Ltd Purchasing Manager
Bristol-Myers Squibb Pharm. Ltd Purchasing Manager
British Bakeries Ltd Purchasing Buyer
British-American British-American Procurement Planning Manager
British International Ltd Director of Purchasing
Brooks Bond Foods Head of Purchasing
Burger King EMA Ltd European Purchasing Manager
Burlington Toiletries Ltd Purchasing Manager
Cadbury Ltd Chief Buyer
Cereal Industries Ltd Marketing Manager
Channel Foods Ltd Commercial Director
Cheshire Wholeshops (Carcers) Ltd Senior Buyer
Courage Beer Company Ltd Manager Purchasing & Packaging Materials
Cow & Gate Nutricia Ltd Purchasing Manager
Craibtree & Evelyn Design Director

"packaging focus '94 gives Geest Prepared Foods the chance of meeting new suppliers and broadening development opportunities within a unique business environment. We feel that the two days creates a perfect business atmosphere without the normal distractions and allows us potentially to meet the same number of suppliers that it might otherwise take us a year to meet." Mr Stephen Elkins, Packaging Development Manager - Geest Prepared Foods

Crown Berger Ltd New Product Development Manager
Customs International R&D Packaging Executive
Dalepak Foods PLC Operations Director
Devco Ltd Material Logistics Manager
Dewhurst Lorlen Ltd Buyer
Distriflex UK Ltd General Manager
Do-It-All Limited Packaging Development Manager
EC De Wit & Co Ltd Purchasing & Packaging Development Manager
English Village Safada Packaging Buyer
Esso Petroleum Co Ltd Production/Packaging Adviser
Evans Medical Ltd Warehouse Supervisor
Evedale Foods Ltd Purchasing Manager
Everest Frozen Foods Ltd Buyer
Evenham Foods Ltd Company Buyer
F E Barber Ltd Operations Purchasing Manager
Faux Brand Foods Ltd Buyer
Fine Arts Developments plc Group Packaging Manager
Fisons Pharmaceuticals Manager, Range Management
Fisons Technical Operations Head of Purchasing
Forrester Foods Ltd Operations Director
Fox's Biscuits Ltd Purchasing Controller
G G Baxter Ltd Buying Director

packaging focus '94
22-25 September 1994
Sea Princess

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Julian Gorst Project Director
John McKee Project Manager
Vicki Morison Administration Manager
Isabel Hutchings Conference Manager
Charlotte Benton-Hughes Conference Assistant
Kerry Brown Technical Services Manager



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Scottish & Newcastle Breweries Purchasing Director
Sellago GB Ltd Packaging Buyer
Selon Healthcare Group PLC Purchasing Manager
Sheaffer Pen (UK) Ltd Operations Manager - Europe
Smith & Nephew Consumer Operations Director Products
Smithkline Beecham Category Head: Packaging
Somerville Stores Packaging/Design Controller
Sony United Kingdom Ltd Controller
St Ivel Ltd Buyer
Stratford-Upon-Avon Foods Ltd Brand Manager
Tate & Lyle Sugars Purchasing & Supply Manager
Tawton Cider plc Production Director
Telford Foods Ltd Senior Packaging Buyer
Tesco Stores Ltd Packaging Technology Manager

"packaging focus '94 is different from other exhibitions because of the unique opportunity it affords specifiers and buyers to meet. Mixing with my peer group is not available at most other events so the chance to spend two days with them discussing current issues, innovation and new ideas is something I look forward to." Kevin Hyde, Packaging Development Manager, Wella Great Britain.

The Boots Company plc Packaging Controller
The Cheese Company Ltd Senior Buyer
The Invergordon Distillers Ltd Purchasing Manager
The Kerrigold Co Ltd Technical & Packaging Controller
The New Covent Garden Soup Company Production Director
The Ryvita Company Ltd Commercial Manager
The Wellcome Foundation Group Packaging Buyer
Thorntons PLC Senior Buyer
Thorntons plc Senior Buyer
J & B Scotland Limited Packaging Project Manager
J A Shaword & Co Ltd Company Buyer
J Sainsbury PLC Packaging Buyer
Johnson Wax Ltd Operations Director
K P Foods Group Purchasing Director
Kalon Group plc Group Purchasing Director
L E Pritchett & Co Ltd Buyer
L R C Products Ltd Materials Buyer
Laporte Absorbents Senior Buyer
Lever Brothers Ltd Chief Buyer
Lever Europa Packaging Manager
Lever Industrial Ltd Logistics Manager
Longthorne Laboratories Ltd Commercial Manager
Lyons Tolley Ltd Materials Manager
M D Foods Plc Purchasing Manager
M O D Head of RAF Purchasing
M O D Army Head of Packaging Policy
M O D Navy Assistant Director
Manor Bakeries Ltd Buying Controller
Margate Food Ltd General Sales Manager - Catering
Marks & Spencer plc Packaging Development Manager
Martin & Rossi Ltd Operations Director
Moortons Foods Ltd Purchasing Manager
Moy Park Limited Group Purchasing Manager
Mueller Dairy (UK) Ltd Purchasing Manager
NAPP Pharmaceutical Group Production Buyer
Nobel Coatings Ltd Materials Manager
North Devon Meat Ltd Purchasing Manager
Painthorpes General Manager
Park Food Group plc Director
Paterson Arran Business Development Manager
Paterson Arran Marketing Manager
Pennine Foods Ltd Packaging Manager
Perrins (UK) Limited Operations Manager
Pfizer Ltd Packaging Buyer
Pharmax Healthcare Ltd Purchasing Manager
Pillsbury Brands Europe Development Manager
Polycell Products Ltd Purchasing Manager
Poltor & Moore Ltd Senior Buyer
Premier Biscuits Senior Buyer
Pringles Polly Ltd Logistics Director
Princes Ltd Packaging Manager
Proctor & Gamble Research Manager
Pura Food Products Ltd General Manager, Purchasing
Quaker Oats Ltd Purchasing Manager
R H M Foods Ltd Senior Buyer
R W Cosmoline Director
Raine's Dairy Foods Ltd Packaging Buyer
Reckitt & Colman Products Ltd Head of Purchasing
Revlon International Ltd Packaging Development Manager
Rimmel International Ltd Plastics Packaging Buyer
Ross Young's Packaging Purchasing Manager
Safeway Stores plc Packaging Supply Manager
Sanofi-Winthrop Production Division Supply Chain Manager
Saphir Products Ltd Packaging Manager
Schering-Plough Ltd Purchasing Manager
Scholl Consumer Products Ltd Operations Director

Further details

For more information on being considered as a delegate, please contact Vicki Morison. Attendance at packaging focus '94 is by invitation only and free of charge to delegates.

Or if you would like to become one of the leading companies exhibiting at packaging focus '94, contact Julian Gorst or John McKee.

Telephone: 081 332 2422
Fax: 081 332 0939

Information was correct at time of going
to press 19th July 1994

MEET THE ASSOCIATION

17

Technical excellence at cost effective rates

To some people, the work of British Glass is about bottle banks and recycling facilities but, as Gail Lea discovered in conversation with director general, Bill Cook, there is a lot more to the organisation.

in technical research excellence for the European glass industry. Political lobbying forms a major part of BG's work, as with other associations, but Dr Cook emphasises that without the technical back-up, this could not take place.

"A great deal of legislation and issues facing our industry have a high technical content," he says, "so it is important that we have the lobbying and technical expertise in-house to deal with this."

Emissions control and soda ash production are just two of the major subjects tackled by BG over recent months.

BG has also been busy lobbying on environmental issues. It was a member of the original Copac organisation as well as currently working in the PRG process. "One of our strengths in this area is that we set up our bottle bank scheme many years ago, and with recycling rates of 30 per cent last year, we are well on the way to meet our target of 50 per cent by the end of the decade," says Dr Cook.

Over 16,000 bottle bank sites are now in operation and

our on-going core research programmes," explains Dr Cook. "It is through this kind of work that we can demonstrate our standing as a development organisation rather than just a purely research organisation.

"There is nowhere better in the UK to source a 'new glass' than at BG as our overall capability, built up via a rigorous research team, is much better than other independent organisations," he says.

In order to protect the value of the work done for members at BG, a modest patenting programme has been developed with the approval of the companies involved. Funds from the foundation will be used to establish university research programmes within colleges such as Sheffield and Sheffield Hallam.

"If and when any of this outside research is identified as being valuable to BG members, it will then form part of

Plastohm uk

PACKAGING DIVISION

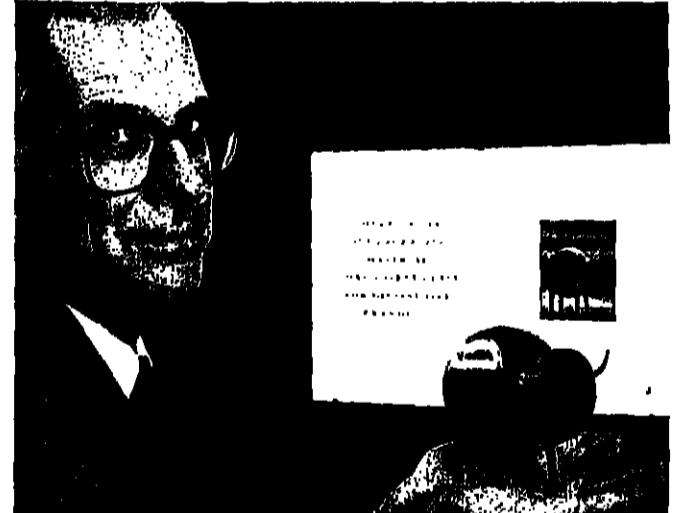
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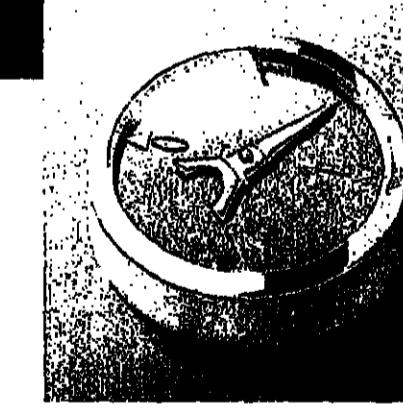
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18

NEWS



Styron FL 5012 polystyrene resin suitable for sealable/peelable lids

Sealable, peelable ps resin for tubs

In response to the needs of the food industry, Dow Plastics has developed Styron FL 5012 polystyrene resin for use in sealable/peelable lidding for polystyrene tubs.

The resin allows a monopolymer pack to be produced for products such as yogurt and fresh cream and, according to Dow, improve the levels of recycling at the same time.

"The Dow solution addresses the needs of each section of the food chain," says Bruno Barbet, market manager at Dow. "Process flexibility, design freedom, recycling and environmental performance will benefit packers."

"Converters utilising the new lidding concept will appreciate the flexibility of the resin in meeting their requirements," he explains.

"Tested extensively"

Styron FL 5012 resin is the result of four years development work and has been tested extensively with converters, printers, machine manufacturers.

For further information

110 Call for details
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ers, packers and consumers.

Due to the superior properties, ease of processing and performance, ps continues to be the first choice for rigid containers destined for the dairy market, says Dow (UK) Lakeside House, Stockley Park, Uxbridge, Middlesex UB11 1BF - tel: 081 848 8688; fax: 081 848 5400). The resin is said to meet environmental needs without compromising processing.

"Broad seal window"

Tests have shown that the resin meets these processing needs through a broad sealing window, smooth and homogeneous peeling and total compliance with all taste and odour requirements.

According to Mr Barbet, converters, packers and retailers can be confident that Styron FL 5012 ps resin for sealable and peelable lids not only improves environmental performance but also provides a fully optimised lid solution for rigid food packaging containers.

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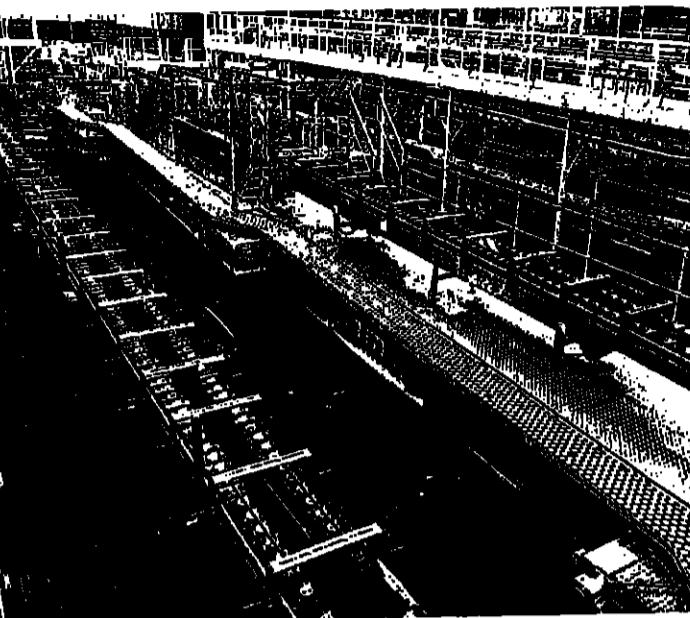
19

NEWS

Handling system helps to ease line pressure

A complete multipack handling system from Dunn Systems Ltd has been commissioned at Britvic Soft Drinks Ltd's plant in Rugby. The system has been designed to ease the increasing pressure on other lines at the factory.

A special version of the Wagtail 2000 multipack orientation system has been installed to turn and divide multipacks at speeds of up to 300 a minute on the six-can pack. It can also operate on four and eight-can packs, as required, with minimum



changeover time.

Packs are then conveyed along a low back pressure conveyor, with fast changeover guide rails, ensuring smooth, reliable handling of packs from the Wagtail outfeed, says Dunn (Smishy Road, Ashby-de-la-Zouch, Leicestershire LE65 2UR - tel: 0530 414444; fax: 411110).

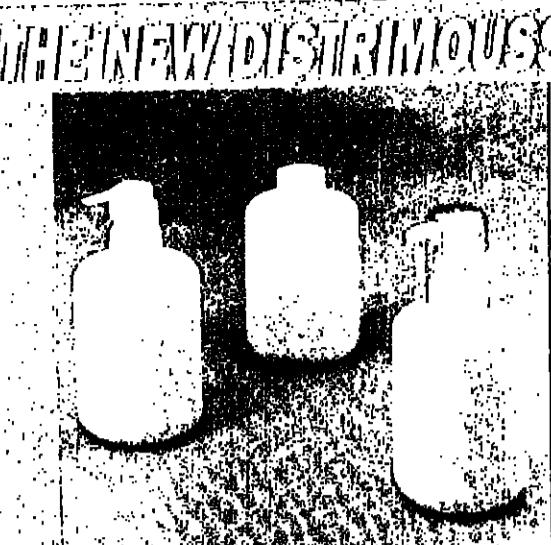
The system has automatic selection of control for one, two or three lane operation. Analogue control of the metering belt conveyor optimises product flow and minimises line pressure at the infeed of the shrinkwrapper.

"Dunn has a good reputation and a lot of experience in conveying systems," says Bob Pursley, factory manager at Britvic Rugby. "We are very happy with the system and the way it is performing."

For further information

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The Wagtail 2000 multipack orientation system by Dunn



A VERSATILE 8000L
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Enjoy the Freedom!

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Medium speed filling for carbonated drinks

The range of medium speed rotary liquid filling machines developed in France by Sidel Packaging for glass and pet bottles of both still and carbonated drinks, particularly mineral water, is now available in the UK for the first time, following the appointment of Sussex & Berkshire Machinery as sales and service agent.

For carbonated drinks, the RSG range is available with 12-100 heads providing speeds up to 400 bottles a minute on typical 1.5 litre pet bottles. Sidel's RSP machines, also with 12-100 heads, are designed for still filling, aimed principally at the

Recycled foam core

As part of its continuing efforts to produce 'long life' products from recycled pvc bottles recovered at its Reprise plant, European Vinyls Corporation (EVC) has carried out a successful development programme to produce the foamed core of coextruded cladding from recycled bottle material.

The process is based on conventional foam technology in which a solid pvc skin is coextruded over a foamed pvc substrate. Bottle recyclate is particularly suitable for this appli-

cation because it provides high melt strength and has the right rheological characteristics to give a good foam structure, says the company (Chester Road, Warrington, Cheshire WA6 0DF - tel: 0928 725311; fax: 725101).

Foam cladding has been

extruded on a production scale

coextrusion line at EVC's r&d

laboratories and the company

will now be working with pro-

ducers of foamed products to

carry out production trials.

For further information

110 Call for details
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Label Applications Co. Ltd.

900 Thornton Road,

Fairweather Green,

Bradford BD8 0JG.

Fax: 0274 482191.

Tel: 0274 483111

Call on 0839 772268 or enquiry number K10-415

GENERAL PACKAGING

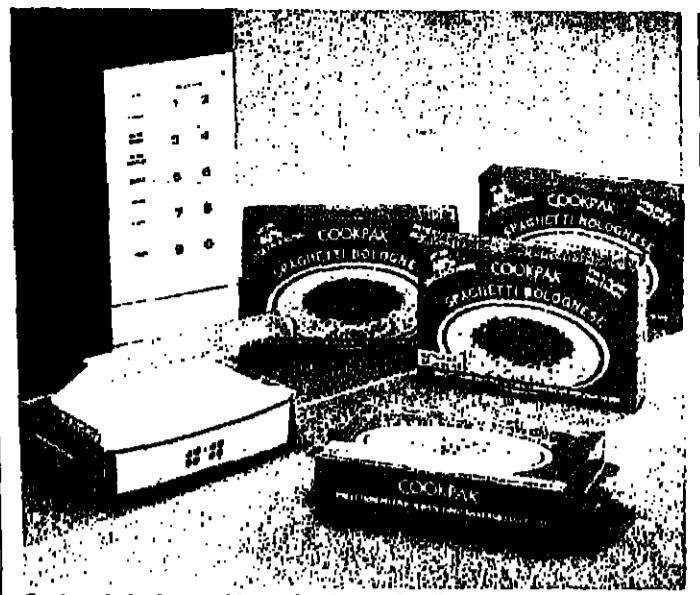
ATTACHING SYSTEMS

COMPUTER SYSTEMS

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Thermal Transfer Ribbons

Cable Tie Systems



Cookpack dual ovenable packaging system by Bonar Carton Systems

Minimal format gives ready meal savings

Savings in materials and production costs are among the benefits of a compact, dual ovenable pack for frozen and chilled ready meals, just launched by Bonar Carton Systems.

Called Cookpak, it is described as a minimal packaging format which can be erected, filled and sealed on standard Bonar Driotite cartoning equipment. This gives food manufacturers the flexibility of running either conventional freezer or dual ovenable cartons on the same line according

to need, says the company (Cheney Manor Trading Estate, Swindon SN2 2PT - tel: 0793 539260, fax: 644197).

Cookpak is made from transparent or black pet coated board, and because there is no outer cartoning, sleeving, tray or lid required, a 40 per cent reduction in packaging compared to other systems is claimed. The packs are designed to be filled directly with product for display in a freezer or chill cabinet.

For further information 140 Call for details 0839 772268

Quick turnaround on blisters

Contract packer of tablets and capsules for the pharmaceutical and health foods markets, Wasdell Packaging has just had a fourth Noack blister packer supplied by Romaco UK.

"Quick turnaround is vital in our business, we frequently receive products on a Monday which need to be packed and despatched by Friday, so we need machines which can be changed over with minimal downtime," says Richard Wasdell, managing director of Wasdell.

"The Noack is ideal for us in this respect," he continues. "Its design is very straightforward, our engineers understand the machine well and we are able to change products in a very short time."

"We handle a wide range

of formats, packing tablets or capsules into blister or strip formats, foil or pvc," he continued. "Having bought our first Noack in the 1970s, we

have around 60 sets of change parts, so that we are prepared for almost every eventuality."

The Noack DPN760 is a flexible, well proven and ideal for contract packing businesses, says Romaco UK (Trinity House, Ermine Business Park, Huntingdon, Cambs PE18 6YA - tel: 0408 435050, fax: 414220).

At the same time, two Noack DPN760 blister packers have been ordered by Galen Ltd of Craigavon, Northern Ireland. They will

be used to pack a range of Galen's own branded and generic pharmaceutical products, in both tablet and capsule presentations, into clear or opaque pvc blisters.

Typically the machines will run at between 35 and 40 strokes a minute, producing three blisters per stroke.

For further information 140 Call for details 0839 772268

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Typically the machines will run at between 35 and 40 strokes a minute, producing three blisters per stroke.

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Typically the machines will run at between 35 and 40 strokes a minute, producing three blisters per stroke.

For further information 140 Call for details 0839 772268

Preparation course for IOP Diploma

London Guildhall University is offering a course that helps prepare candidates for the Institute of Packaging's Diploma.

It starts this month and ends in May 1995, and com-

pletes day release and evening study periods. Candidates will go through 45 informal and formal lectures, discussion periods and site visits which, says the University, will prove

valuable for any work situation, even if the examinations are not taken.

Classes will take place between 2.30 and 7.00pm on Wednesday afternoons and the

full course costs £350. A detailed programme of each session is available from the Short Course Unit, London Guildhall University, 84 Moorgate, London EC2M 1SQ - tel: 071-320 1430, fax: 071-320 1439.

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Greg Mullins has been appointed managing director of Leeds-based Plastohm, a subsidiary of John Waddington plc.

Barbara Jackson, previously with Reed Exhibitions, has joined PPMA, the Processing and Packaging Machinery Association, as business development consultant.

Robert B Williams has stepped down as managing director of Schades Ltd, and is succeeded by Philip Clarke, the previous sales and marketing manager. Mr Williams, who is group managing director of Schades Papir a/s, will remain on the board of the UK company as chairman.

Sandy Younger, marketing director of The Simpson

PEOPLE

Label Co Ltd has been elected president of FINAT, the international association of the self adhesive label industry. Mr Younger was elected to the office for the next two years at this year's Congress in Cologne, Germany.

Neal Whipp has joined Bostofia Ltd as marketing and sales director, having previously been head of sales and marketing at Roots Print Ltd.

Geoff Holbrook has joined Tungate Forms & Labels as the southern area salesman, having previously worked for the company Pricemaster.

Tony Mitchell, formerly of thermforming company Impact, has joined Polbeth Packaging as director of sales.

Ron Harding has been appointed sales executive at Rober Houghton Agencies, a

move that follows the recent acquisition of a majority stake in the Letchworth agency by Engelmann and Buckingham Holdings.

Ian Owens is the new technical area sales representative for the North of England and Scotland for T & D Bison, a division of T & D Industries plc.

Paul Gibbs has joined Decorative Sleeves Ltd as southern area sales manager having previously spent 10 years with Courtaulds Packaging Cannings.

Giovanni Solferini has resigned from his position with the Gualo Group to pursue his own activities.

Dave Charlton has been made finishing technical specialist at Pershke Price Service Organisation to help extend the market for the Herzog & Heymann range of folders.

John Harbour has joined Harland Machine Systems Ltd as technical representative for its range of pressure sensitive labelling systems. He will represent the company across the South West of England and South Wales.

Peter Clarke has been appointed a non-executive director to the board of Jarvis Porter Group plc.

Mark Davies, previously with APV Baker, has joined the Klockner Hansel (UK) sales team and will be responsible for selling the range of processing and wrapping machinery.

Gordon Mackenzie has joined Fleet Laboratories as sales executive for the contract manufacturing side of its pharmaceutical business.

Colin Stickland has been appointed product manager for the tesa division of Beiersdorf UK Ltd.

Ted Whitehead has retired from his position of area sales

NEWS

Pallets checked, scanned and thoroughly tested

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Technique added
J-L has added the technique to its existing range of high speed machine vision systems. These account for some 200 installations throughout Europe ranging from cosmetics inspection to robot vision guidance.

The company estimates that there are around 20 million pallets throughout Western Europe used for both storage and transit, representing in total a multi-million pound investment.

Other checks that are carried out include detection of

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NEWS

Sticker for stacking



An adhesive which is said to overcome the need for shrinkwrapping or banding methods to be used on palletised systems, by providing the means to hold product in the stacking position itself, has been launched by Dunlop Adhesives.

Dunlop sees the use of this adhesive as particularly applicable to European markets, notably Germany, where there is increasing opposition to shrinkwrapped products due to the DSD recycling system.

Tested to European stan-

The adhesive gives sufficient bond strength to allow product to be stacked while still being easily separated for handling.

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1968  1969

GLASS ENTERS A SECOND LIFE

Even while packaging was set to overtake building as the biggest UK user of plastics, glass was proving that it had plenty of benefits and imaginative design possibilities of its own.



A MIX OF MESSAGES FROM AN EXPERIMENTAL '60S TOILETRIES PACK



THE CARRY-HANDLE ON CARTONS OF MR KIPLING CAKES WAS SUBSEQUENTLY DROPPED AND INCORPORATED INTO THE LOGO

The Labelling of Food Regulations, first laid before parliament in December '67, were raising a storm of protest early the following year. The provisions, when put into effect in January 1971, would significantly add to the cost of packed food, said critics. "In fact, the regulations appear to be yet another club fashioned by the government to beat to death its own prices and incomes policy," PN growled in its February '68 front page lead.

Plastics accounted for ten per cent of money spent on packaging in Europe, delegates were told at a conference at the beginning of 1968. These materials were no longer considered to be novelties, and research among housewives, comparing findings from six years before, found that plastics packaging was no longer considered to add to the final cost of a product.

But glass was fighting back with new designs and marketing strategies. Now-familiar packs appearing on the scene for the first time included the Teacher's scotch whisky clear glass bottle. This oval-section bottle from Rockware Glass replaced a round green one.

Containers designed for reuse included, in March '68, the Maxwell House "Old English" coffee/storage jar in opal glass, also from Rockware. With a height of six inches and diameter of four inches, the jar was probably the largest ever opal glass container made in the UK, said PN.

The pack, which included a plastics stopper, involved an early example of tamper evidence. As PN explained: "To give security in transit and deter pilfering, there is a band of pvc around the join of the lid and body. This is applied by hand

and then shrunk into place by a shrink tunnel." General Foods had been having great success with its Maxwell House pack incorporating a reusable glass tumbler. The closure was a snap-on



CHILLED DESSERTS WERE MAKING AN APPEARANCE, PACKED IN PLASTICS TUBS WITH CARD OR FOIL LIDS

pp lid over a Lecrasel foil membrane. The 4oz tumbler was produced by Ravenshead Glass and supplied through Johnsen & Jorgensen Ltd.

A snug fit between bottle and closure is to be expected, but the Union de Brasseries Parisienne took this one step further, adapting the base of their beer bottles to produce a cavity which acted as an "opener" for the twist-off crown of a second bottle.

But in some volume applications, glass was

seen to be slipping. At the end of 1968, East Kilbride Dairy Farmers of Glasgow became the first dairy in the UK to pack milk in Tetra Brik cartons and the first in the world to experiment with two-pint cartons. Other dairies were planning to follow this lead, installing standard or aseptic filling equipment.

French mineral water Vittel had moved out of returnable glass into an Oscar de l'Emballage winning pvc bottle. The company required that the bottle should cost no more than the glass it replaced. More than six years of development went into the launch. The bottle could be filled at speeds of up to 12,000 an hour.

In-mould labelling of plastics could be applied to any shape of pack and any of the commonly-used blow-moulding plastics, manufacturers were saying in June '69. Erimes and Battenfeld of Germany had jointly developed the Formprint system, shown at interpack the month before.

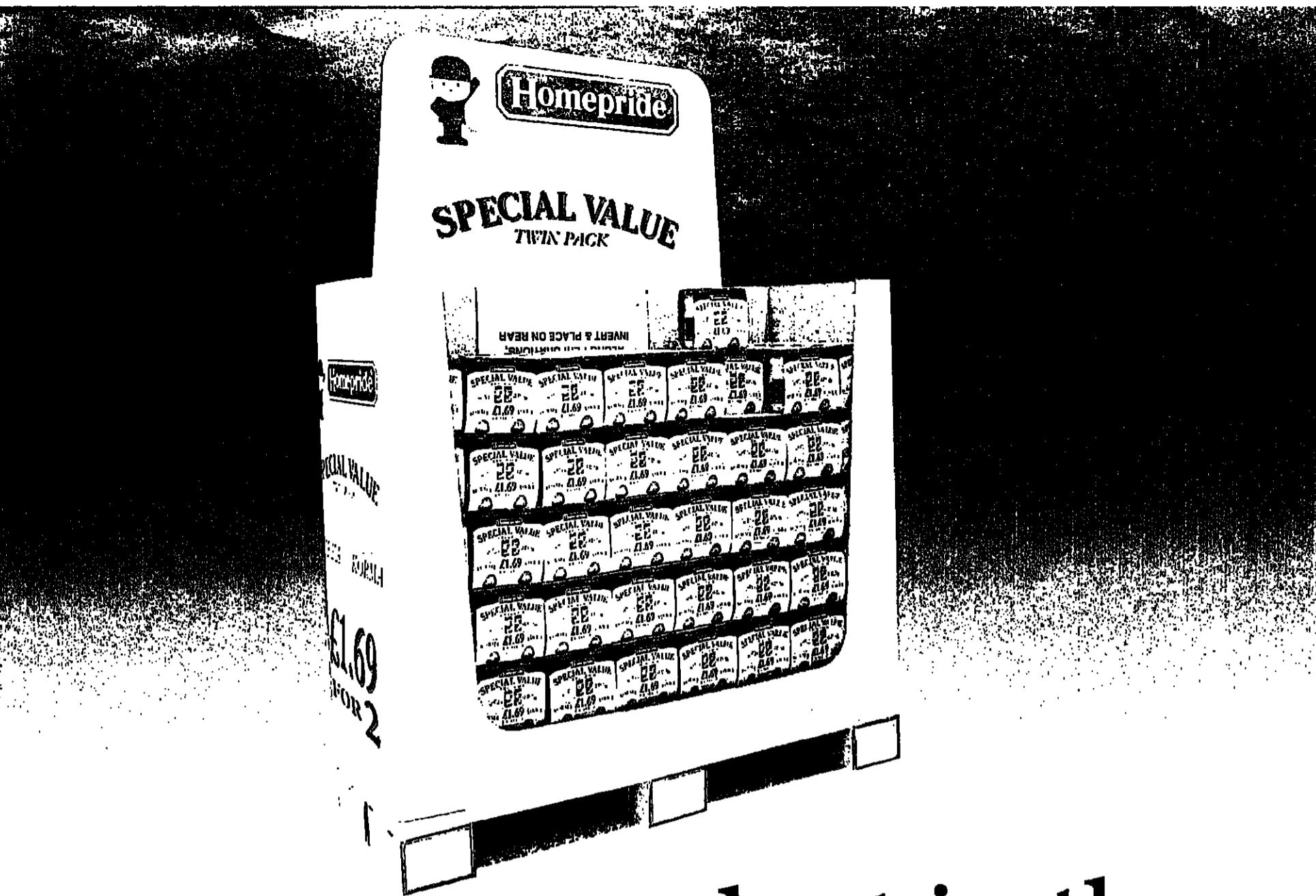
Among packs highlighted in an October '68 profile of cartoning equipment specialist Jacob, White & Co were cartons for Mr Kipling cakes.



GLASS MANUFACTURERS WERE ENCOURAGING RE-USE OF THEIR CONTAINERS RATHER THAN DISPOSAL

Some of these included a carry handle for these very weighty goods! But like so many of the innovations of the '60s, this one did not last.

PACKAGING PICTURES KINDLY LOANED FROM THE ROBERT OPIE COLLECTION AT THE MUSEUM OF ADVERTISING AND PACKAGING, GLOUCS - TEL: 0452 302309

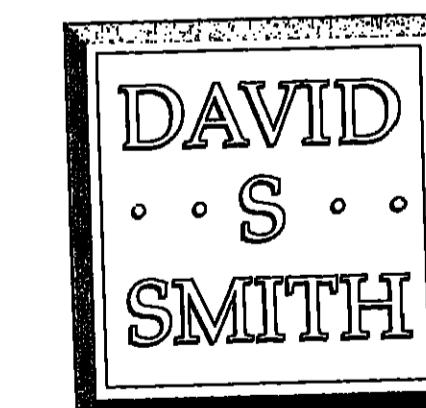


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Pack Expo 94 is set to boom

Pack Expo 94, sponsored by the Packaging Machinery Manufacturers Institute (PMMI), takes place November 13-17 at McCormick Place, Chicago, USA and is set to be the largest ever.

"The extensive interest for our show will continue Pack Expo's unchallenged record as this hemisphere's leading and largest showcase of packaging and packaging related converting machinery, materials and technology," says show committee chairman, William Brander III of Scandia Packaging Machinery Co.

In 1992, more than 55,000 visitors attended the show and the organisers expect well over 70,000 international and domestic attendees for this year's 900,000sq ft event.



The International Business Center has been expanded for the show, as PMMI expects a 35 per cent increase in overseas visitors. Located in the Mezzanine Level of the North Building at McCormick Place, it will include a market development office, full interpreter facilities and a currency exchange desk.

"The packaging machinery manufacturing industry is an international business," says PMMI global marketing committee chairman, Jeff Ake of Electronic Liquid Filters Inc. "At Pack Expo 94,

every effort is being made to provide international visitors with information about US manufacturers and assist them in purchasing and importing US equipment."

Information on the show is available from PMMI (4350 North Fairfax Drive, Suite 600, Arlington, Virginia 22203, USA - tel: +1 703 243 8555, fax: +1 703 243 8556).

● The Institute of Packaging Professionals (IoPP) have arranged several conferences and seminars to run immediately prior to Pack Expo on the Friday and Saturday (11-12

November). These will cover introductory level courses on packaging machinery, flexible packaging and pack testing, up to a training seminar for packaging sales professionals. Telephone: +1 800 432 4085 for further details.

● The Council on Packaging in the Environment (Cope) will host a one-day conference - Saturday 12 - on global environmental packaging issues. It will include presentations on current and developing regulatory issues in Europe and North America. Contact: Holly Easler at Cope - tel: +1 202 331 0099, fax: +1 202 466 5447.

Here, we preview just some of the new products on show during the event.

For further information 103 0839 772268

Label printer suits moderate production



The Model 8221 label printer/applicator

Said to offer the latest in print and apply technology, Matthews International Corporation will launch its Model 8221 label printer/applicator.

Depending on label size, up to 65 labels a minute can be applied, which makes the equipment ideal for moderate production rates, says the company (6515 Penn Ave, Pittsburgh, Pennsylvania 15206, USA - tel: +1 412 665 2500, fax: +1 412 665 2550). A special tamp arrangement is said to ensure precise label placement to an accuracy of $\pm 1/16$ in.

For reliable operation, the 8221 Mini continuously monitors the printing process and label supply status. Led indicators show the operator error and fault messages, helping in the set up and operational trouble shooting. A host of

diagnostic tests assures virtually error-free labelling, says the company. It handles many barcode symbologies and, due to the small footprint, the 8221 Mini can fit into the most compact of manufacturing spaces.

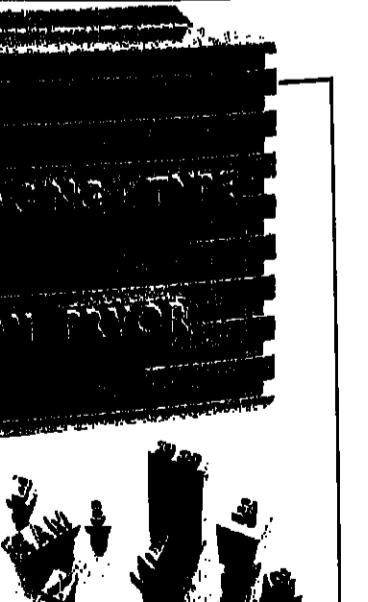
Booth: 2480

For further information 104 0839 772268

Versatile induction capsealer

The versatility of the TR-Series induction capsealers will be demonstrated by Lepel Corporation, including the latest portable version - Lepak Jr - as well as the conveyor-mounted Uniscale model.

Shown in full operation for both product and system analysis, the TR-Series consists of high (300ft a minute) and



For further information 105 0839 772268

low volume units, at 60ft a minute. Accommodating seal sizes from 5-160mm, the equipment delivers high efficiency performance for a variety of product markets, says the company (50 Heartland Boulevard, Edgewood, NY 11717, USA - tel: +1 800 321 6004, fax: +1 516 586 3232).

The Lepak Jr is designed for laboratory and low volume sealing applications and will seal closures from 5-70mm. The Uniscale requires no floor space and can also be moved between packaging lines.

Booth: 3215

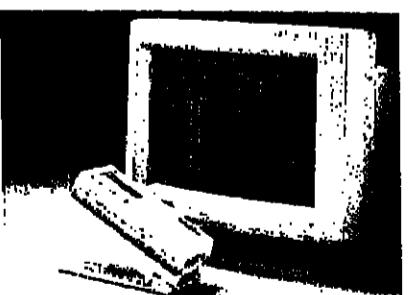
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Are you tired of packaging that gets rejected because of colour?

In today's competitive marketplace, incorrect colour is a chance neither printers nor specifiers can afford to take. Yet getting colour right on target is difficult if no one has a clear definition of what that target is. That's precisely why X-Rite's 938 model spectrophotometer was created. With the 938, it's easy to specify and control package colour - faster and more accurately than ever before. That means printers and buyers can agree on colour specifications in advance - before any costly mistakes are made.

A completely portable and hand-held instrument, the 938 can store up to 500 colour measurements taken from a wide variety of packaging and labeling materials. When these measurements are downloaded into X-Rite's exclusive OA-Master™ software for Windows™



or SpectroStart™ software, they graphically show which samples are within acceptable tolerances. OA-Master and SpectroStart even generate SPC reports to prove colour consistency over time. All of which saves time, saves money, and minimizes errors - while maintaining good working relationships between printers and print buyers.

If you want colour that's consistently on target, inquire about X-Rite's 938 spectrophotometer and accompanying OA-Master™ software for Windows™.

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Conveyor cuts damage

Designed to reduce product damage during conveying by eliminating the mechanical start/stop transients common in scale feed applications, the Iso-Flo smooth-cycle vibratory scale feed conveyor will be shown by Key Technology Inc.

Also on show will be an on-line scanner which provides real time quality analysis for mass flow-fed food and non food products and a new Iso-Flo conveyor, which is designed to reduce breakage of delicate products in conveying by sliding product forward on the conveyor bed using reverse displacement.

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ation, are offered in the Iso-Flo range from the company (150 Avery, Walla Walla, WA 99362, USA - tel: +1 509 522 3361). Booth: 3027

For further information 106 0839 772268

A wide range of vibratory conveyors, all designed for reduced energy and quiet opera-

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Three shrinkwrapping systems will be demonstrated by Polywrap Inc at the show.

The company supplies a range of shrinkwrapping machines that offer the capability of both sleeve, wrapping and total enclosure of products. At the show, a semi-automatic, manually operated machine will be one of the lines to be exhibited.

Also, an auto-collating intermittent model and a high speed, automatic, Polywrap Inc supplies a range of shrinkwrapping continuous motion sealer will be shown by Polywrap (10650 72nd Street North, Building 402 - Largo, Florida 34647, USA - tel: +1 305 5761, fax: +1 305 544 4165). Booths: 417 and 2619

For further information 107 0839 772268

Shrinkwrappers to be demonstrated

Three shrinkwrapping systems will be demonstrated by Polywrap Inc at the show.

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BRIEFS

AS WELL AS SHOWING ITS Pictor, Sirius and Comet IP65 rated label applicator system for the first time in the USA, a range of high quality labels will be displayed by Herland Machine Systems Ltd (061-848 0822). Herlands will be on its new owner, Engrap's, stand. Booth: 1079

AUTOPROD INC is introducing an in-line cup fill/rollstock seal/cap system employing Benbil clean in place butter filling units. The FP 1 x 4 TE combi-system fills 125-1200cc pots at speeds up to 14,400 containers an hour. It is ideal for food products, says the company (+613 672 7753). Booth: 2171

TETRA LAVAL Food Hoyer will launch the Hoyer HP cartoner as well as demonstrating a Tiromat 4000 stainless steel fill machine from Tetra Laval Convenience Food Inc. Operating speeds of up to 3000 cartons a minute can be achieved. Booth: 2802

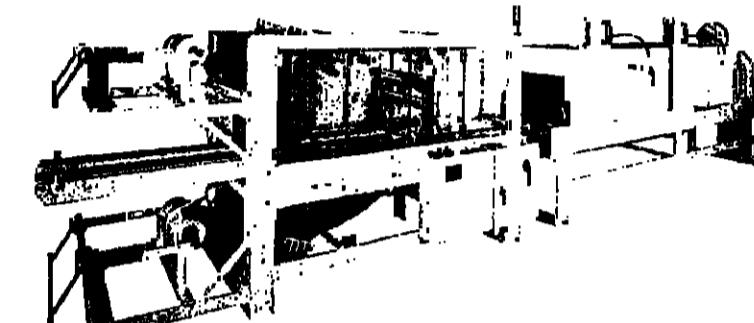
SPONSOR OF PACK EXPO, PMMI has formed a working alliance with the Grocery Manufacturers of America (GMA) with the first results being the co-sponsorship of PMMI's new packaging technology trade show by the GMA. The show - Pack Expo West - will be held 9-12 October, 1994 in Las Vegas.

Augur fill control simplicity

A stepper motor controlled auger filler - the Model 1800 - will be introduced by Mateer Burt, as well as an in-sert applicator for use in labelling applications, and a Neutron filler for companies requiring metric standards.

The auger filler is described as reasonably priced and offers functional simplicity to meet

Smooth integrated transfer



The Model 60 from Arpac: high speed wrapper and tunnel combination

An integrated line comprising a tray erector, tray loader, case turner and shrinkwrapper will be shown by Arpac.

This integrated system will

just-in-time filling capabilities. The model 1800 fills powders, liquids, creams and pastes at up to 150 fills a minute.

The current applicator is for customers that require a folded leaflet to be attached to a pack or container, such as pharmaceutical information, coupons or recipe booklets. Available as a free

Booth: 409

For further information **K10** Call for details 0839 772288

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Is imitation the finest form of flattery?

Large players in the metals packaging market should encourage the creative spirit of smaller companies, even if it means spending time in negotiating licence agreements because, argues Jim Leftwich*, it is this innovation that will benefit the metals industry as a whole.

The carousel biscuit tin which Linpac Metal Packaging recently produced for US company Sunshine Biscuits Inc has been widely acclaimed and has generated many enquiries.

However, the tin, which has been inspired by the universal theme of a fairground carousel, was only produced after lengthy discussions culminated in a licence agreement with the company which holds the registered design rights in the design of the tin.

In 1992, Bodnitz Allan (Clarendon Confectionery) had designed a carousel shaped confectionery tin, which subsequently commissioned Linpac to produce. The design was regis-

tered by the company under the Registered Designs Act 1949, with special reference being made to the fluted canopy lid, the ingenious window effect and the embossed prancing horses.

"A general desire for originality"

Registration of industrially applied designs remains a relatively rare phenomenon in the metal packaging industry. Despite a general desire for originality, shapes and designs are frequently borrowed and

reinvented with little regard for whose design they were in the first place, and whether the original designer has any registered or unregistered rights in those shapes and designs.

This situation benefits the

larger

players in the market who have the resources and expertise to manufacture and market the designs, but it does little to encourage the creativity of small design houses.

I would not question therefore the shrewdness of Bodnitz Allan in securing the rights of its design by registration, even though some might argue that the idea of making a tin in a carousel shape is a universal design and should not be capable of registration anyway.

Legally, the registration process is quite straightforward.

"The legal process of registration"

A designer simply has to register the special features of their design with the registered design section of the patents office and pay the appropriate fee. However, they must be able to show that the design is new, that it has eye appeal (ie: that the design is not purely functional), and that the appearance of the article in respect of which

the design is registered is an important factor.

The Bodnitz Allan registered design affected Linpac when approached by Sunshine Biscuits to produce a similar tin for them. We were therefore faced with three choices:

- ① The first was to railroad the smaller company and produce the tin anyway - challenging them to a potentially costly and long-running legal battle.
- ② The second, and the one probably favoured by many fellow manufacturers, was to alter the design just enough to avoid infringing the registered design, while at the same time satisfying the new customer.
- ③ The third option was to

The design of the carousel shaped tin includes a fluted canopy lid, an ingenious window effect and embossed prancing horses

work with Bodnitz Allan in order to satisfy the interests of both companies.

Linpac chose the third option which meant the tin could be produced for Sunshine Biscuits and, in accordance with the licence granted by Bodnitz Allan, we have credited the company with the design on the base of the tin, as well as paying a small royalty for each one produced.

"May seem unnecessarily altruistic"

This may seem unconventional and unnecessarily altruistic, but we took the decision for genuinely commercial reasons.

Creative design is at the heart of the metal packaging industry, and if we crush that, then we are in danger of

destroying ourselves.

I believe that real creativity can come more freely from small design companies than from large manufacturers where individuality can be subjugated in favour of 'corporate conformity' and imposed budgetary limits.

The large players in the market should, where possible, encourage the creative spirit of smaller companies like Bodnitz Allan, even if it means spending time in negotiating licence agreements because, in the long term, it is all of us who will benefit by the resulting growth of the metals industry.

* Jim Leftwich is managing director of Linpac Metal Packaging Ltd (Headley Road East, Woodley, Reading, Berks RG5 4SL - tel: 0734 44144, fax: 441456).

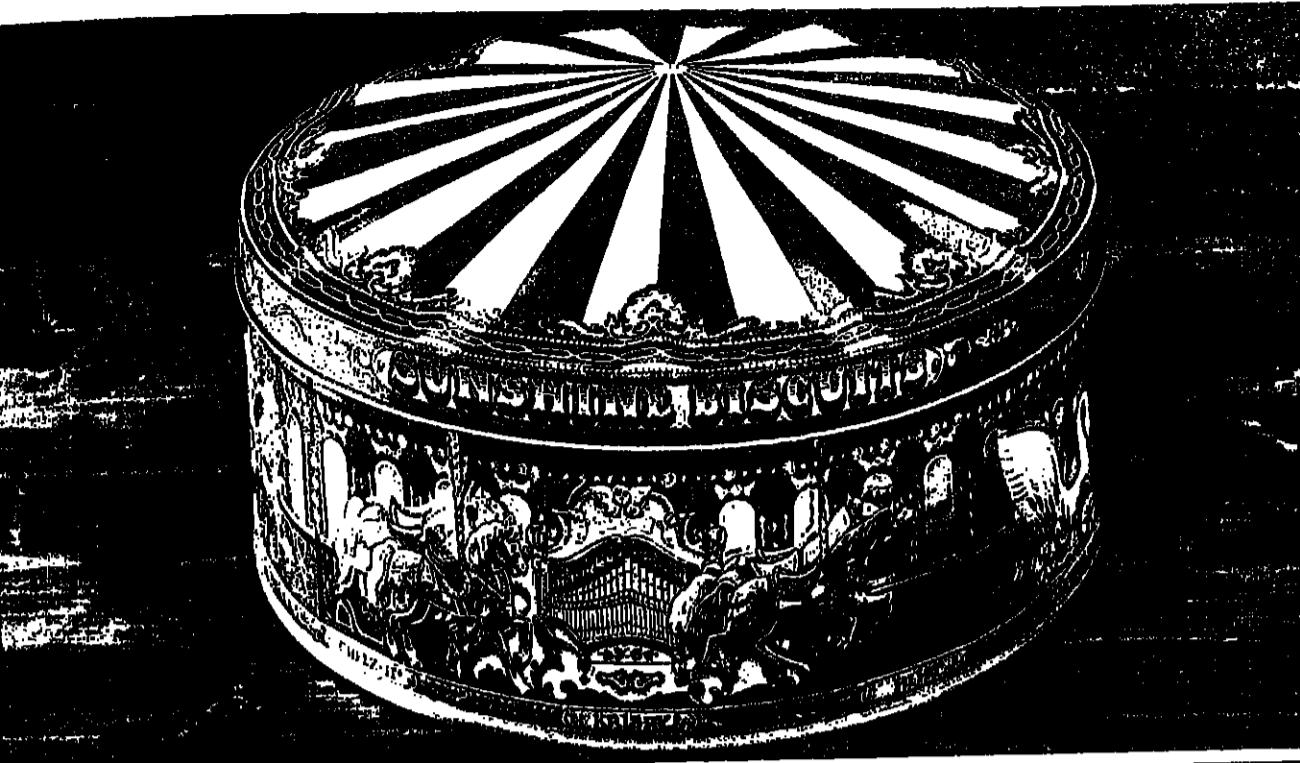
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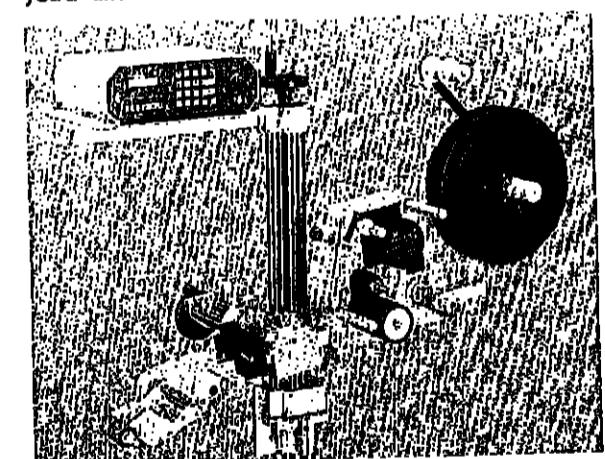
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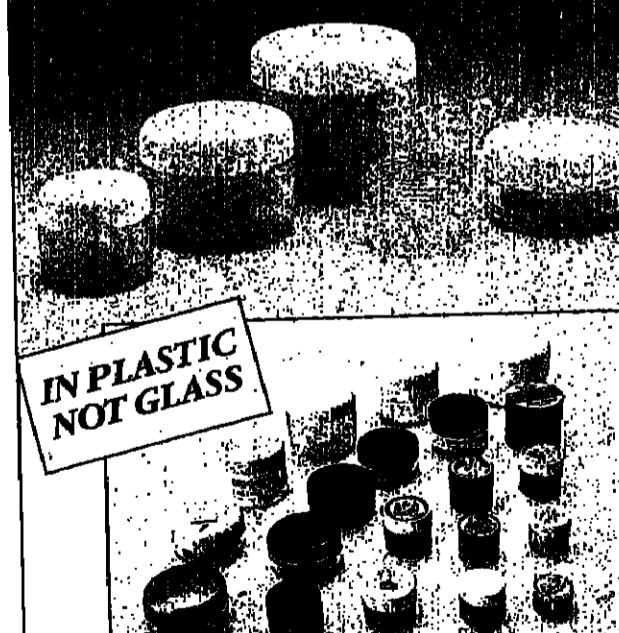
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How do you make packaging that is really strong?

Countless examples of strength combined with beauty are to be found in Nature. But sometimes uncompromised strength alone is the vital packaging requirement.

The optimum way to produce strong packaging board is to start with unbleached coniferous fibre from Scandinavian forests. The next step is to pulp the fibre by cooking it in a digester and, finally, to mould it into multiple-layered board.

This is the FRÖVI way of ensuring that the packaging material has inherent strength.

FRÖVI alone

FRÖVI is the only manufacturer of unbleached, coated board in Europe.

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The board's combination of inherent properties – strength, purity and elegance – gives our customers the freedom to develop packaging that is ideal in every respect.

Member of the AssiDomän group

At the beginning of 1994, FRÖVI became a member of the AssiDomän group – one of Europe's leading concerns in the forest products industry and a major supplier of packaging and packaging raw materials.

FRÖVI is the central company in the AssiDomän Carton business area and, with the resources of a large group behind it, is now even better placed to help its customers create packaging solutions in line with the new simple-packaging policy widely adopted in Europe.

Our new company logo is symbolic of this.



AssiDomän Frövi Ltd.
- A member of the AssiDomän Carton business area.
Frövi House, 284 B Chase Road, Southgate,
London N14 6HF Phone 081-682 83 73.

Last month saw the machinery-only PPMA show move to the NEC, Birmingham, for the first time. A record number of new machines were on show and here we highlight just some of them.

Unloaders, laminators, applicators

Patented pail and drum unloaders, coating and laminating equipment and a range of hot-melt applicators were launched by System Devpac Ltd.

The unloading and laminating equipment is a result of a distributorship agreement with May Coating Technologies Inc. The hot-melt applicators will be marketed under the DEVmelt range of equipment, says the company (11 Grosvenor Grange, Warrington, Cheshire WA1 4SF - tel: 0925 815231, fax: 851162).

The LH12 coater/laminator is a pilot production web coater, designed for feasibility trials and preproduction runs.

For further information 117 0839 772288

Legible inkjet in tiny sizes

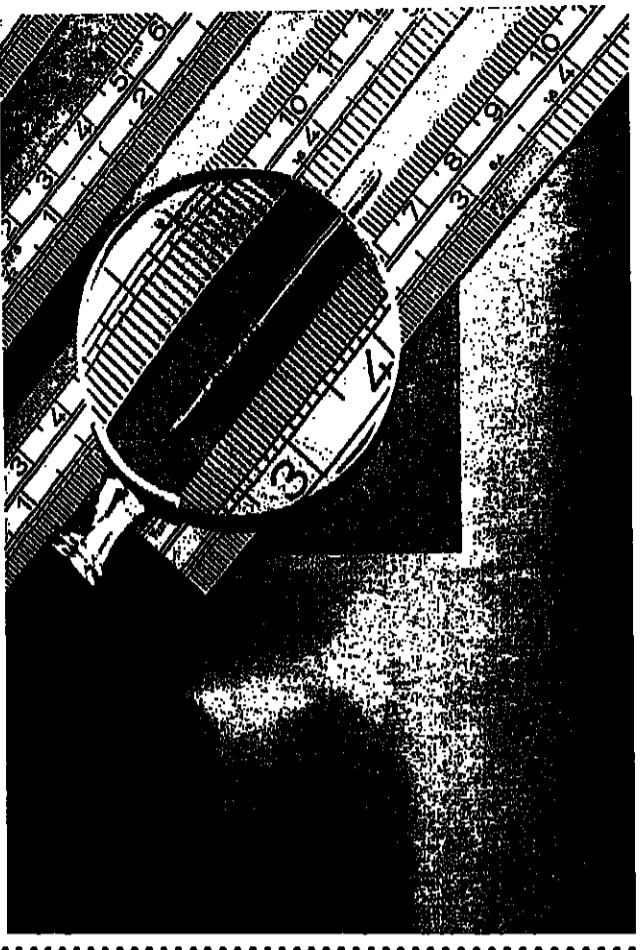
What is claimed to be the world's fastest inkjet printing system for use in the brewing and distilling industries was launched by Domino UK Ltd.

The Domino Solo 6 Pinpoint and Codebox 3 Pinpoint systems are capable of printing as many as 2,400 characters a second, says the company (Bar Hill, Cambridge, CB3 8TU - tel: 0954 782551, fax: 782874).

Specifically designed to meet the growing requirement from brewers and distillers to mark containers discreetly, Pinpoint produces legible text at sizes down to 0.6mm high on almost any substrate. A choice of print fonts can be used, which allows print to be put into small spaces.

The tiny 40 micron nozzle by Domino makes a dot of 160-250 micron diameter, depending upon the surface.

For further information 110 0839 772288



Handling a range of shapes

A nine head rotary packing machine that handles semi and rigid containers up to 250 x 350mm, in a wide range of geometric shapes and neck configurations was launched by G Webb Automation Ltd.

The Model RP250 was mounted over a Yamaha model ADW-508-MD multithread weigher at the show and was demonstrating weighing and filling product into plastics jars.

Also demonstrated by the company (Link Ind. Est., Flowsell Road, Malvern Link, Worcestershire - tel: 0684 892939, fax: 576044) were other auger type volumetric and weight controlled filling machines.

For further information 119 0839 772288

For further information 120 0839 772288

Tray denesting and pick and place demonstrations

A range of tray denesting and pick and place equipment was demonstrated on the stand of FP Packaging Machinery Ltd.

Among machinery on show was the Pneufeed patent-pending air jet denest system which is ideal for thin plastics trays used by the biscuit and bakery

industries. The single head version can run at up to 150 trays a minute, says the company (Walnut Tree Close, Guildford, Surrey GU1 4UB - tel: 0483 32811, fax: 300078).

The series 20 reciprocating pick and place machine can also be used for denest-

ing trays but can be applied for the placement of card inserts, leaflets and coupons as well. It cycles at around 65 a minute. The series 30 machine can run at up to 400 a minute - the four head version - while 800 a minute can be achieved with a twin head configuration.

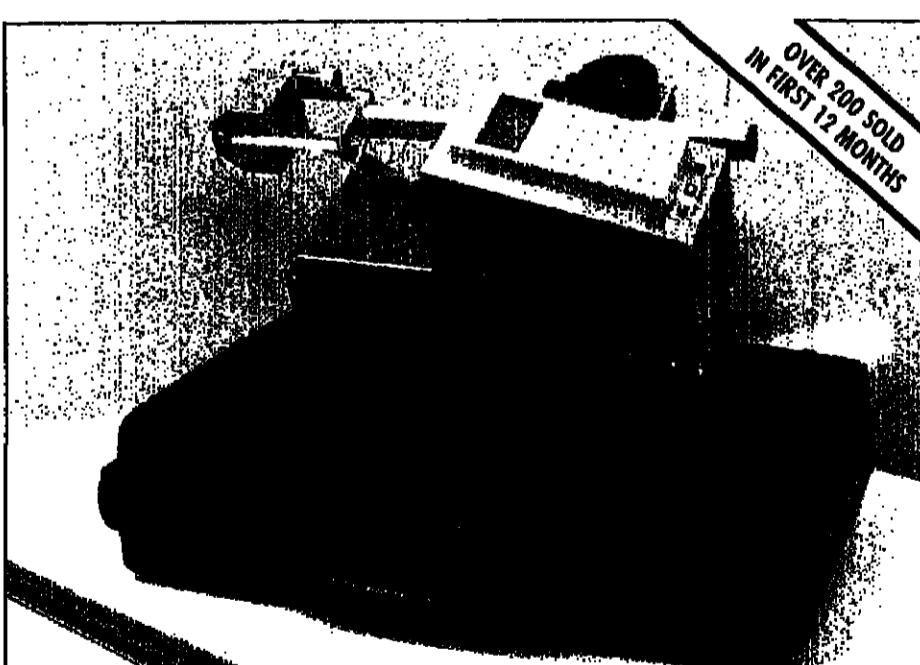
Denesting equipment for foil or board trays or where low cost denesting at high speed is required was shown in the form of the Series 5 Dispens-a-tray mechanical denester.

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BACK ACTING NEWS/OCTOBER 1991

Labelling aeroplane cartons

120 x 250mm at speeds of up to 250 labels a minute. The other, general purpose machine, can label round, square, rectangular and oval shaped containers at up to 275 labels a minute.

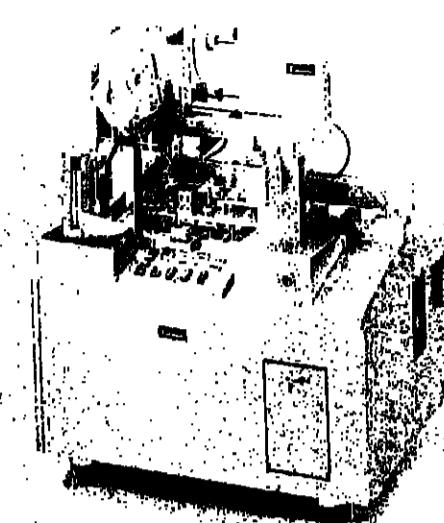
Both machines have been designed to make validation of security systems a simple process, says the company (Queens Road, Barnet, Herts EN4 4DL - tel: 081-440 0044, fax: 081-449 2890).

A key feature of equipment from the company is the recently launched Newman validation package which is a compilation of machine-specific documentation which accompanies each labeller. It is said to simplify a number of requirements, including installation qualification (iq) and operational qualification (oq).

Also demonstrated was the 5FL/EXP general purpose pharmaceutical labeller in conjunction with a Laetus 4P barcode reader.

The CTE250 machine

labels cartons in a size range of 12 x 20 x 70mm up to 120 x



Newman CTE250 carton tamper-evident labeller: first UK appearance

Coding, marking and weighing developments

Developments from Graseby Product Monitoring included coding and marking systems from Graseby Allen, metal detection units from Graseby Goring Kerr, x-ray inspection equipment from Graseby GK Intertest and checkweighing machinery from Graseby Best.

Thermal moving

Graseby Allen used the NEC-based event to launch its thermal moving head printer. The bi-directional printing action of the unit is said to save time while virtually doubling throughput on intermittent motion packaging machines.

For further information 120 Call for details 0839 772288

Information 123 0839 772288

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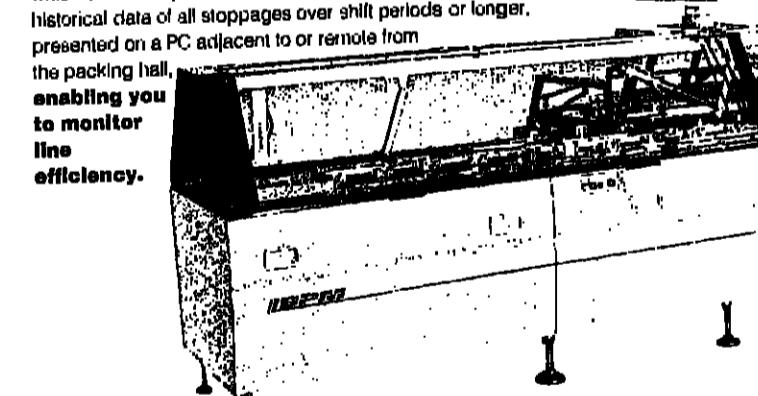
BPM's latest high speed cartoner incorporates advanced technical features designed to reduce your costs.

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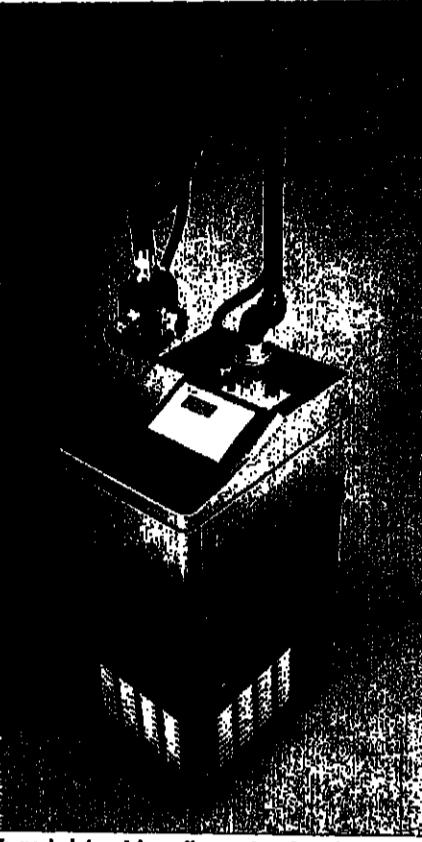
Laser coder prints four lines of text in various formats

Three products were launched by Lumonics Ltd - the latest Xymark laser coder, a further Autocode 111 stencil changing system and LaserMark 960, a pulsed laser coder.

The latest Xymark is the first laser coding system to offer the capability of up to four lines of text in various dot matrix font formats, says the company (Gothenburg Way, Sutton Fields Industrial Estate, Hull HU7 0YE - tel: 0482 831154, fax: 839233).

Designed with a smaller footprint and with a compact outer casing to save space on the factory floor, the Xymark offers users updated software control with large graphics and customised date and time options.

The unit offers on-line coding of many materials through the laser beam reacting directly with the material surface to apply an indelible mark. The code can now be applied in single or multi-line format, with or without graphics information, which offers users greater coding flexibility than previously available, says the company.



Xymark dot matrix coding system from Lumonics

Automatic tube filling machine will make its debut

Making its debut on the Adelphi Manufacturing stand was a TGM Meccanica E250 automatic tube filling machine, following Adelphi's appointment as sole UK agent for the Italian company.

Very competitively priced, the E250 is capable of filling up to 2500 tubes an hour, says the company (Olympus House, Mill Green Road, Haywards Heath, W Sussex RH16 1XQ - tel: 044 440091, fax: 440272). It can handle thermoplastics, laminate and metal tubes in diameters of 10-50mm and in volumes of 2.5 to 360g.

It can also be adapted to fill syringes and pots.

The Rota FLR50/G vial filling and sealing machine was

also demonstrated for the first time. It runs at up to 6000 vials an hour.

Filling flowing liquids

A bench mounted unit which can fill, cap and label containers of free flowing liquids was demonstrated. It can also take an automatic cap feeder.

Products from the recently acquired Coldstream Engineering company were also demonstrated.

For further information K10 Call for details 0839 772268

A wide web feature and very fast print

A purpose designed print and apply unit which has a wide web feature and very fast print, was launched by Sparkprint Ltd.

Manufactured for robust, heavy industrial use, demonstrations of the unit were seen throughout the show. Also launched was a Challenger labelling head which has been designed and manufactured specifically for tactile warning labels.

All labelling systems can now be supplied flameproofed to Zone 1, class 1 T6.

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On-line labelling options

now available from Sparkprint (Darlington Road, Northallerton, N Yorks DL7 8UA - tel: 069 780333, fax: 780423), include a preregistration unit for faster labelling throughput of cylindrical containers, thermal print apply for hazardous chemical warning labels and a chain alignment infeed system for accurate front and back labelling of oval bottles.

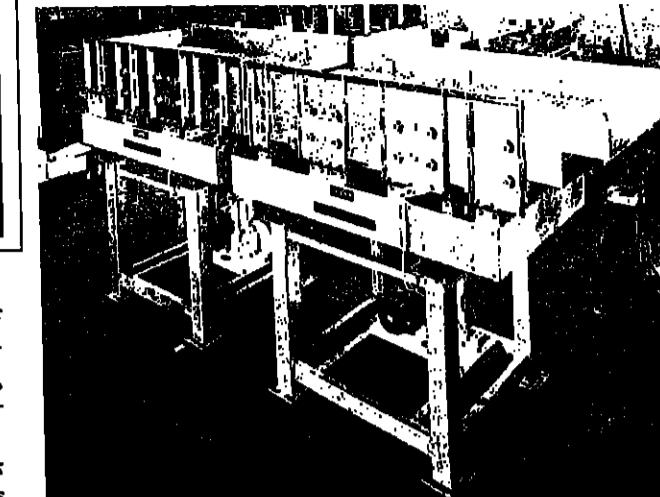
All labelling systems can now be supplied flameproofed to Zone 1, class 1 T6.

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On-line labelling options

to 150 bottles a minute with a volume range of 5ml up to 1 litre. It fills to an accuracy of ± 25 per cent, says the company (Pound Lane, Kingsnorth, Ashford, Kent TN23 3JE - tel: 0233 643666, fax: 634431).

Grading fries



Three level grader from Driver Southall, made for frozen chips

have built before," says Trevor Taylor, sales manager of the company (Maybrook Industrial Estate, Brownhills, Walsall, Staffs WS8 7DG - tel: 0543 375566, fax: 375979).

The latest versions of the company's P450 motorised checkweigher and the Pilot 90 checkweigher were also on show.

For further information K10 Call for details 0839 772268

in two directions into a modular feed system, says Driver Southall Ltd.

The latest versions of the company's P450 motorised checkweigher and the Pilot 90 checkweigher were also on show.

The grader is fed by a bucket elevator and is capable of handling several tonnes of product an hour. It can outfeed

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In-line capping unit works with filler

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Impulse inkjet

A range of impulse type inkjet printers was launched by Codent Ltd.

At the heart of the equipment is a specially designed controller which can operate two to eight rows of print on one or two independent production lines. It is also capable of slant prints, where individual vertical dots are compressed into a merged print, which is particularly useful in barcoding applications, says the company, which is based at Faraday Close, Hampden Park, Eastbourne, E Sussex BN22 9AE - tel: 0323 520308, fax: 520146.

Non porous surfaces

The controller was demonstrated coupled to a P32 print head which can print up to 24mm high on non porous surfaces at a speed of up to 150m a minute.

A further development on show was an inexpensive high definition, large character printer. The T120 is compatible with the universal controller, and gives 120 dot definition for multi row printing. Line heights up to 32mm can be achieved which means codes and complex logos.

Pigmented or dye inks are available in most colours including white. They can also be indelible or uv readable, says the company.

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Visitors and exhibitors alike seemed to be very enthusiastic about the business convened during Convertex last month. As Converting World went to press, 2200 visitors had attended, with one more day to go. This had already beaten the 1992 show's attendance which was 1700 overall. Here we highlight just some of the products on show.

Compact desktop labelmaker

The Sohn compact, desktop, self adhesive labelmaker range of equipment, said to be ideal for short run or in-plant label production, was demonstrated by Pinewood Label Systems Ltd.

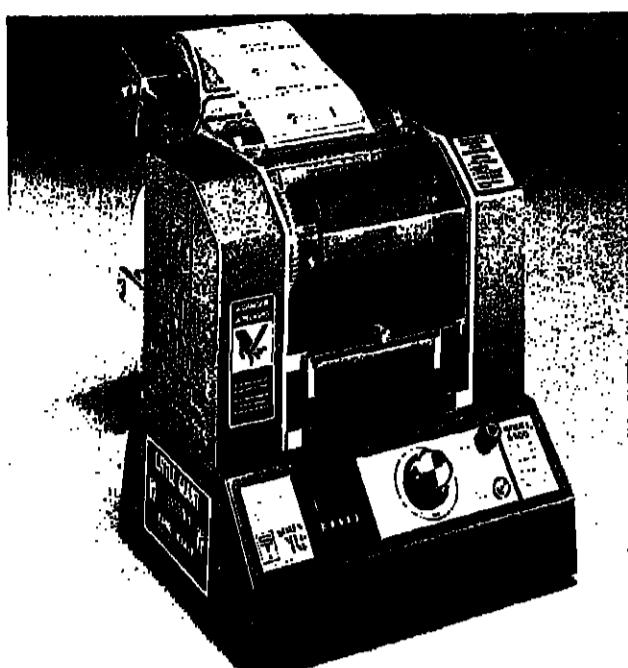
The machines take full advantage of current flexo ink and platemaking technology to produce quality one colour bar labels from rolls of self adhesive base material, says the company (The Stables, Old Charlton Road, Shepperton, Middlesex - tel: 0932 243724, fax: 246632).

Label length can be automatically determined and cut without mechanical adjustment or expensive tooling.

For further information, **K11** Call for details

0839 772268

The Sohn 6400 labelmaker



Retrofit service offered on drying and curing systems

Designer and manufacturer of drying and curing systems, Techni Dry will now offer flexo printers a retrofitting service to add various systems to existing printing presses.

These include infra red, hot air knife and ultra violet curing systems, all designed by Techni Dry and now being supplied to corrugated board printing machine manufacturers as standard options.

Technical personnel from

the company visit sites to investigate the possibilities of including drying and curing equipment on existing printing presses.

For further information, **K11** Call for details

0839 772268

Wet on dry

Inter-colour drying is achieved through a patented drying head using a specially tuned infra red lamp for flexo inks. This enables 'wet on dry' printing for much higher dot quality

and increased production speeds, says the company (Mount House, Bond Avenue, Milton Keynes MK1 1LA - tel: 0908 646000, fax: 646111).

It comprises one 225mm diameter three layer coextrusion stationary internal bubble cooled die, with 814 polycool dual lip air ring, adjustable iris, and auto profile control for the production of three layer films for barrier packaging applications.

"Precise gauge control"

The die design provides optimum flow distribution of each layer for precise gauge control and low residence times, says the company (Berry Hill Industrial Estate, Kidderminster Road, Droitwich, Worcestershire WR9 9RB - tel: 0905 775611, fax: 776716). A major benefit

The auto profile control system for blown film lines shown by Battenfeld Gloenoco

is an improvement in yield as the average gauge can be set closer to the minimum film thickness.

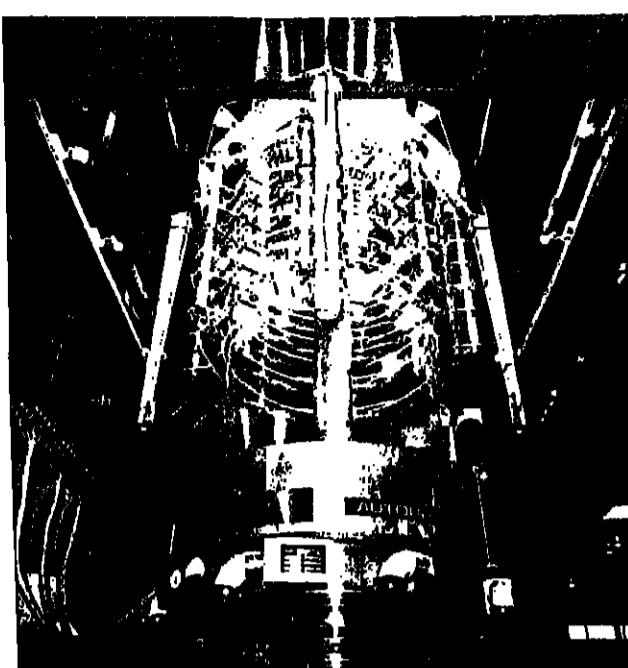
The Extrol process control system, along with the gauge sensor, is able to control machine direction film thickness by adjusting the speed of the line.

For applications such as hdpe it is beneficial to be able to adjust the temperature at which the film is collapsed. The auto profile control system achieves this by accurately controlling the overall temperature of the air from the air ring, while still maintaining circumferential control.

The system can be retrofitted to most blown film lines, says the company.

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Auto profile control for film

An advanced auto profile control system for blown film lines was shown by Battenfeld Gloenoco

It is an improvement in yield as the average gauge can be set closer to the minimum film thickness.

The Extrol process control system, along with the gauge sensor, is able to control machine direction film thickness by adjusting the speed of the line.

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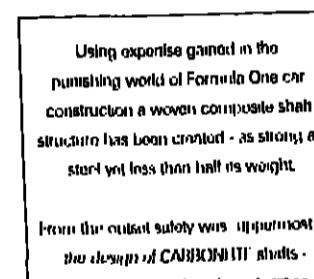
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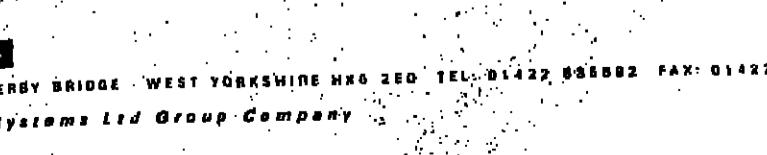
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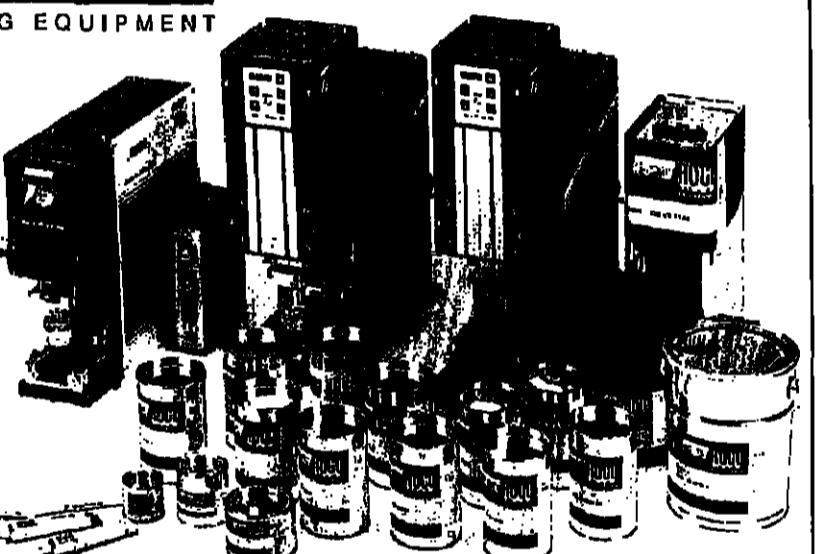
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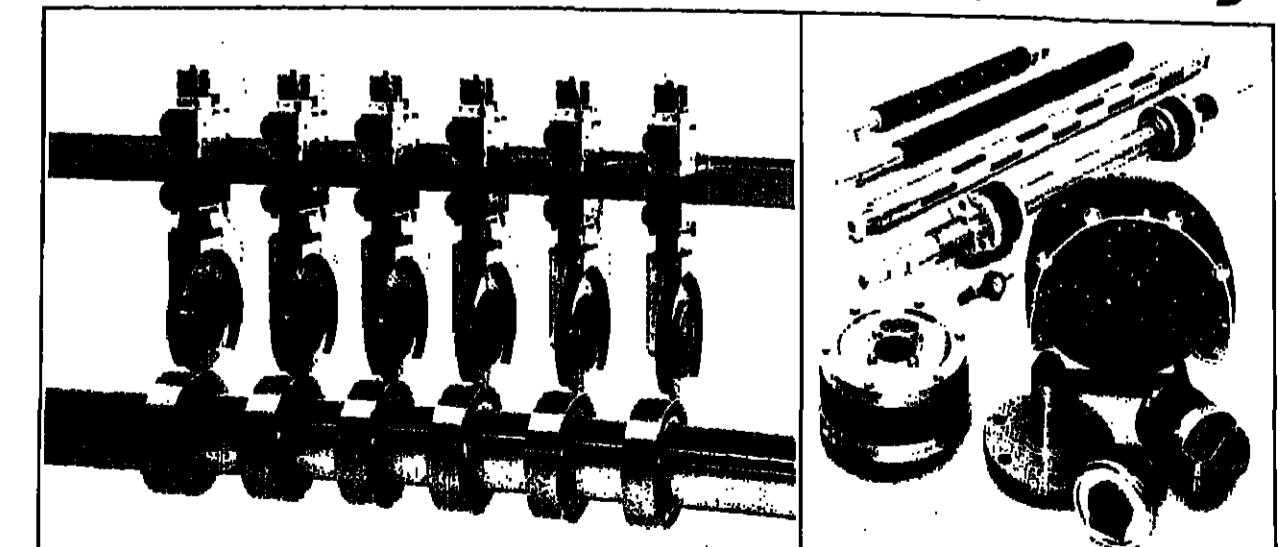
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Spoiled tape investment in British-made quality

A £500,000 investment programme which aims to make Concorde Tape Solutions the most advanced producer of bobbin-wound tape in Europe has just been announced.

Specialising in spooling and converting adhesive and non-adhesive tape, the company has identified a number of product areas where mainly foreign competitors dominate the British and European markets.

"By Pakes, we will have a wide range of British-made tapes that will provide a real quality alternative to imported versions," says John Murphy, chairman and managing director of Concorde (Concorde

House, Stewart Close, Eccleshill, Bradford, W Yorks BD2 2EE - tel: 0274 633315, fax: 626142).

"Broadest selection"

"We will have commissioned our new plant, which will give us the capability to produce the broadest selection of spooled tape within Europe."

Benefits of spooled tapes outlined by the company include increased productivity due to less downtime.

For further information **K10** Call for details **614** 0839 772268

Metal deposition monitoring system can be retrofitted

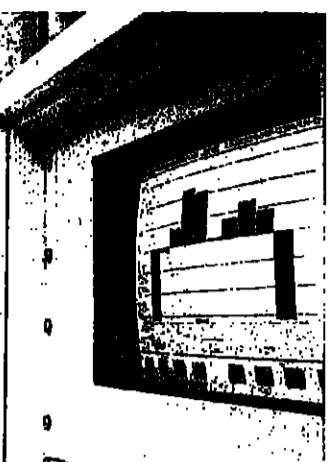
The deposition monitoring system first introduced by General Vacuum Equipment (GVE) on its EHF range of roll coaters is available as a retro-fit on other converting machinery equipment, including existing installations of competitor metallising systems.

As the system's software measures the thickness of the metal being deposited on the film, it provides enhanced quality assurance for barrier packaging, says GVE (Pennine Business Park, Pilsorth Road, Heywood, Lancs OL10 2TL - tel: 0706 622412, fax: 622772). It is fitted inside the metalliser to continuously measure the metal deposit in-process.

As the metallised film or paper (web) leaves the process coating drum, it passes around an insulating roller before it reaches the rewind roll. Mounted adjacent to the insulating roller is an alloy beam across the width of the web, with an array of electronic sensor heads. The heads are in close proximity to, but not touching, the web itself.

Coils within the sensor heads carry radio frequency signals which induce eddy currents in the metallised surface of the web as it passes. The magnitude of the eddy currents is dependent on the thickness of the aluminium layer - a thicker layer has a lower electrical resistance so larger eddy currents are produced.

These eddy currents predictably 'load' or affect the behaviour of the sensor head coils such that the thickness of the metallising can be deduced.



Measuring the optical density of the metal deposited on the film

Because the GVE monitor is measuring the electrical properties of the aluminium layer, it is suitable for metallised film, paper and printed/opaque webs, without the need for set-up changes in between. The system's software is able to convey the metal thickness to the user in different units, depending on individual requirements. For example, OHMS/SQ, optical density or angstroms.

For further information **K10** Call for details **615** 0839 772268

Easy-to-use corrugated casemaker

A British manufactured corrugated casemaker machine which has been designed to be easy to use and provide for fast production speeds, is available from Fyne Packaging Ltd.

As well as allowing companies to replace its stocks of cases by manufacturing in-house on a JIT basis, the Harrier machine also allows for special promotional or trial size cases to be produced, says the company (PO Box 443, Leighton Buzzard, Beds LU7 8AJ - tel/fax: 0525 852246).

Simple keypad

Operated from a simple electronic keypad, said to provide for set-up times of around 15 seconds, the Harrier Boxmaker can manufacture 33 Fesco case styles at production speeds of up to 600 boxes an hour. The unit, which can be supplied to meet special customer requirements, is ideally suited for in-house production, according to the company.

For further information **K10** Call for details **615** 0839 772268

Selling carbon fibre shafts direct

After more than two years of operational trials with carbon fibre shafts manufactured in-house, Coating and Laminating Systems (C&L) has established a joint company to sell products direct to the converting industry.

According to Carbonlite Ltd, it is set to exploit to the full, the exceptional physical properties of carbon fibres in relation to shafts and rollers of all kinds.

By pooling resources with a manufacturer of advanced F1 automotive structural parts, a system has been developed which is said to surmount the problems associated with earlier attempts to satisfy converters.

The shafts themselves are made in three easily identifiable colour-coded ranges, for light, medium and heavy duties respectively and, instead of

being wound from monofilament fibre, are woven material fabricated by a special laminating technique designed to match the axial, radial and torsional loads involved.

As well as the overwhelming strength, to weight ratio that carbon fibre shafts

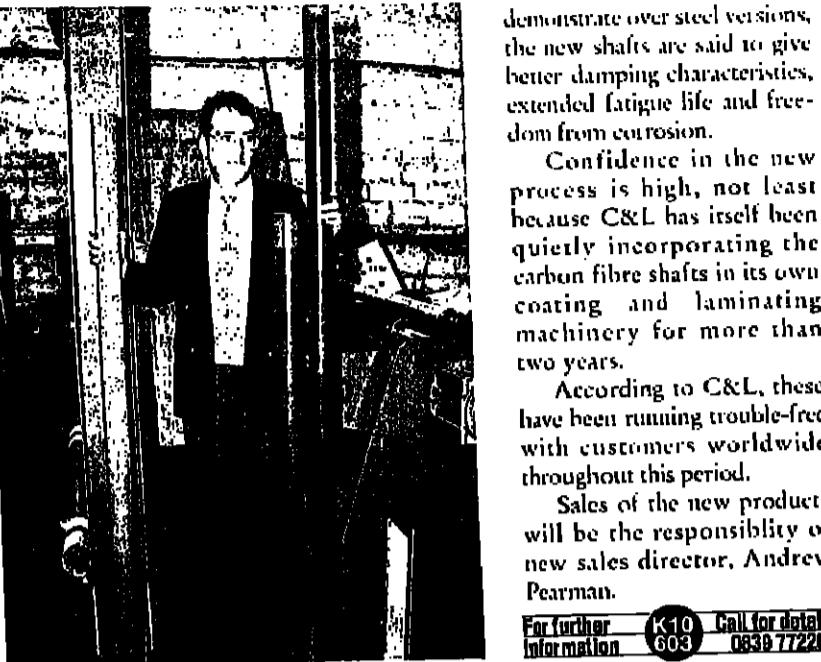
demonstrate over steel versions, the new shafts are said to give better damping characteristics, extended fatigue life and freedom from corrosion.

Confidence in the new process is high, not least because C&L has itself been quietly incorporating the carbon fibre shafts in its own coating and laminating machinery for more than two years.

According to C&L, these have been running trouble-free with customers worldwide throughout this period.

Sales of the new products will be the responsibility of new sales director, Andrew Pearman.

For further information **K10** Call for details **603** 0839 772268



Mr Pearman of Carbonlite with product samples

Versatile pressure former

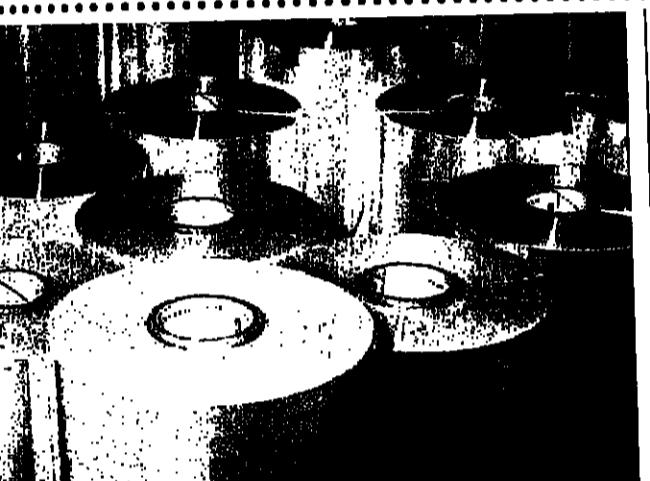
Another form/cut/stack pressure former from Italian company TFT has just been supplied to Thermoform Ltd by UK and Eire agent, Henry Lenox Industrial Ltd.

Thermoform Ltd produces a wide variety of formings, including chocolate box and biscuit inserts, cosmetic and seed trays and therefore needs a versatile and cost effective machine.

"The PCS 720 has no problem in coping with all our demands and there is minimum downtime for tool changes," says Denis Perks, managing director of Thermoform Ltd.

Further information from Henry Lenox (99 Langham Road, Teddington, Middlesex TW13 1HG - tel: 081-977 5878, fax: 081-977 7212).

For further information **K10** Call for details **605** 0839 772268



Upgraded bubble unit

Significant roll quality improvements are now said to be available on Mopilean polypropylene films following the commissioning of a revamped and upgraded bubble unit, targeted specifically at the production of laminating film.

Further improved levels of service, including a 24 hour service for small, urgent orders is also now available from the company (Britannia House, Brantham, Manningtree, Essex CO11 1NW - tel: 0206 388345, fax: 395936). "We have always realised that quality is the essence in laminating films," says Malcolm Watts, UK sales and product manager at Mopilean. "Both the BPL 3 gloss and BM 13 matt pp films are the result of many years development."

Mechanical features of the film include high slip, anti-blocking and anti-static characteristics.

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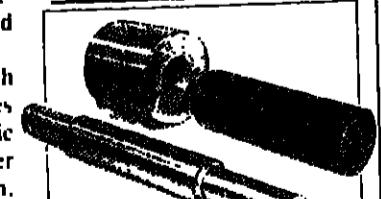
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Upgrade package on corrugated post-print

Conversion of existing flexo and letterpress printer-slotters to chambered doctor blade inking systems can save sufficient ink to provide a payback in 18 months on post-printed corrugated, according to Sympa Machine Initiative.

The company has developed a series of standard upgrade packages for most existing corrugated post-print presses including Simon, S&S, Crosland, Emba, and Deritend.

On flexo machines existing rubber roller doctoring is replaced with chambered doctor blade, the anilox roller balanced and its housing modified to provide easier changeover. "The great advantage of

upgrading to doctor blades is the improved print definition, particularly important for barended and reversed-out type," says Sympa (River Works, Shepley North Industrial Estate, Shepley Road, Audenshaw, Manchester M34 5DR - tel: 061-335 0748, fax: 061-335 9803).

The company recently carried out a conversion on a 100in wide two-colour printer.

For older, letterpress machines the upgrade consists of replacing the inking system with blade doctoring allowing oil-based inks to be replaced by water-based versions.

For further information **K10** Call for details

Information **608** 0839 772268

PRINT FINISHING

Narrow web press for cartons or film

A narrow web press aimed at medium to long run work and capable of handling materials from 50 micron unsupported up to carton board, has been announced by Gallus.

The CS250 can be equipped with letterpress, flexo, screen and hot-foil die stamping units, which pivot and slide out onto trolleys to be quickly exchanged for another unit, with no need for tools. A complete changeover of job, substrate and printing process takes 45 minutes, says the company (6-7 The Quadrant, Newark Clove, Royston, Herts SG8 5LL - tel: 0763 242244, fax: 0763 242975).

As the print units are changed, a sliding control panel running the entire length of the



press records every change through a standard interface, providing a menu-driven visual display for each new make-ready. Changing the counter impression cylinder, for example, is said to be reduced to less than a minute.

Finishing equipment includes an electronically controlled flat bed die-cutting unit and cutting/creasing, stripping and guillotining for cartons.

For further information **K10** Call for details

Information **607** 0839 772268

The Gallus CS250 is designed to break existing thought patterns by allowing maximum flexibility of production processes across many substrates

PRINT FINISHING

Huge UK potential for the use of foil stamping, embossing and die cutting

Examples of foil stamping, embossing and die cutting

Cartons are foil stamped and probably embossed, too. The cost need not be much higher than ordinary litho printing, and possibly less than four colour work, says Brandtjen & Kluge UK (Unit 3, Mercian Close, Cirencester, Glos GL7 1LT - tel: 0285 640341, fax: 640397).

While the North American market has long been aware of the value added by these techniques, the UK appears to be up to 15 years behind in appreciating their benefits, says the press manufacturer.

Technical awareness
When considering any of these processes, or a combination of them, companies should be aware of the technical requirements from the earliest possible stage. Foil and paper specifications, the types of embossing and production techniques are among the criteria that should be taken into account.

If paper is to be used it should be of a type with sufficiently long fibres to hold the embossing well. If laminates are being foiled, the correct match of material should be selected, with the correct foil to achieve coverage.

Die-making from artwork must also take account of heat expansion, given the temperatures of 60 to 70deg C required for embossing and 110 to 115deg C for foil stamping.

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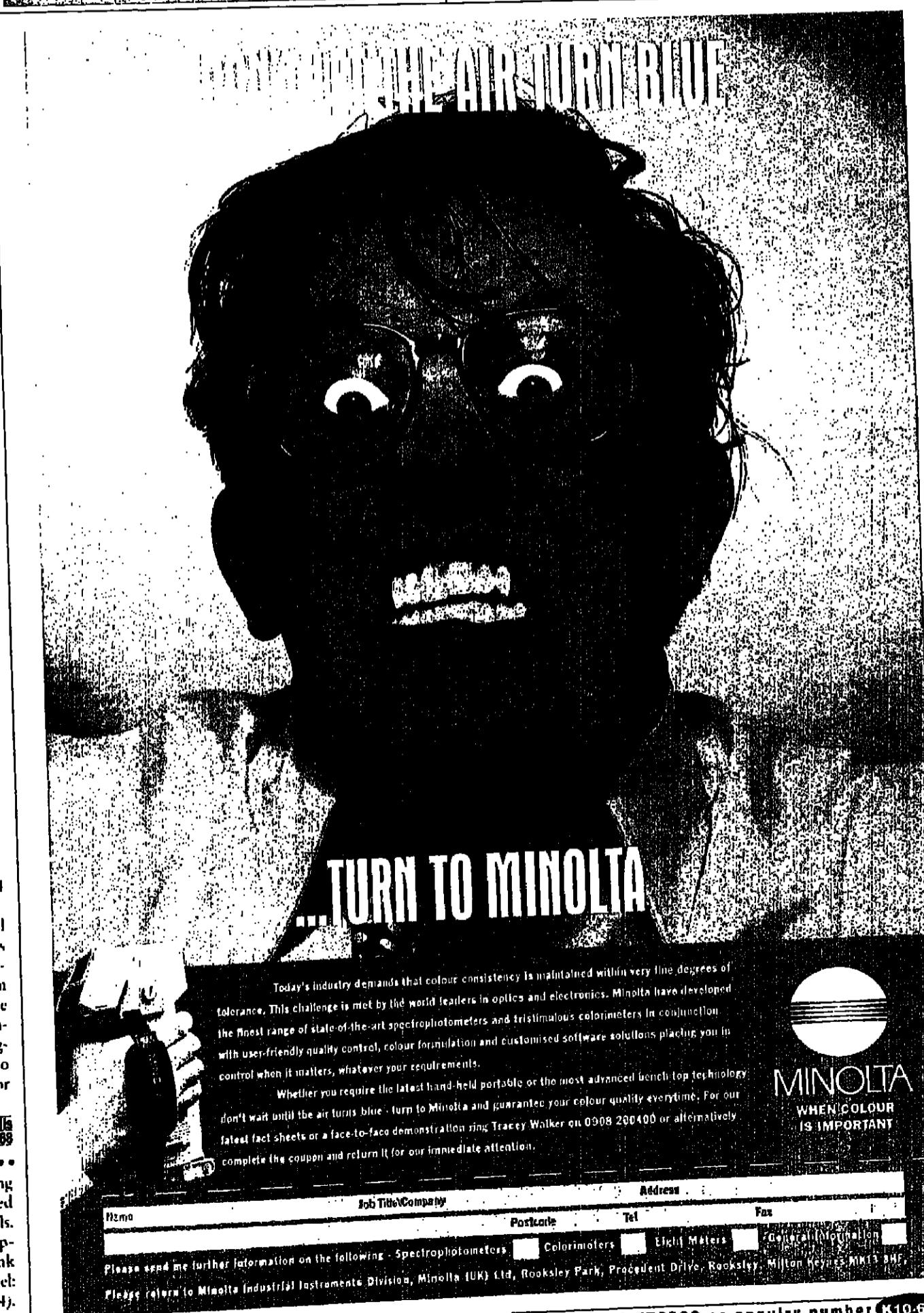
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Flexo print repeat is infinitely variable

Lawson Mardon Singen in Germany has installed a three-unit BHS flexo press equipped with infinitely variable print repeat length.

Operating in the company's pharmaceutical packaging production centre, the press is employed on aluminium foil conversion with web widths up to 820mm and is capable of speeds up to 200 metres/min, says BHS (22 Apex Court, Woodlands, Almondsbury, Bristol BS12 4JT - tel: 0454 889961, fax: 0454 889936).

In place of the incremental restraint on repeat lengths imposed by conventional form gears, the BHS system

employs a direct drive on the print cylinders, under electronic control. This allows packaging designs suitable for flexo printing, but dimensioned for gravure, to be run.

For further information **K10** Call for details

Information **611** 0839 772268

web-offset and flexo printing inserts that can be changed over in minutes without tools. Contact Stanley Press Equipment (Graphic House, Bank Street, Macclesfield, Cheshire SK11 8AA, tel: 01625 429211, fax: 01625 619094).

For further information **K10** Call for details

Information **612** 0839 772268

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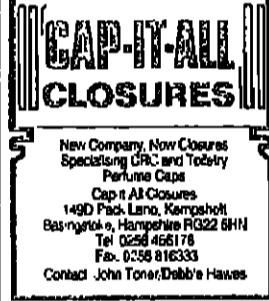
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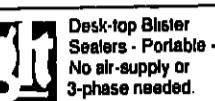
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